

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092923\
 Data File : VX037988.D
 Acq On : 29 Sep 2023 20:01
 Operator : JC/MD
 Sample : 04656-07MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-106MSD

Quant Time: Sep 29 23:10:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/30/2023
 Supervised By : Mahesh Dadoda 10/02/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	208690	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	345028	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	333968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	194918	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142560	51.994	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.980%			
35) Dibromofluoromethane	5.391	113	128109	55.492	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.980%			
50) Toluene-d8	8.647	98	462820	53.955	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.920%			
62) 4-Bromofluorobenzene	11.079	95	184112	59.066	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 118.140%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	89737	40.796	ug/l	100
3) Chloromethane	1.294	50	108416	45.299	ug/l	98
4) Vinyl Chloride	1.374	62	127966	49.561	ug/l	95
5) Bromomethane	1.599	94	98593	53.338	ug/l	98
6) Chloroethane	1.685	64	90483	50.869	ug/l	98
7) Trichlorofluoromethane	1.886	101	222451	53.590	ug/l	98
8) Diethyl Ether	2.136	74	85258	53.014	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.331	101	111001	52.691	ug/l	94
10) Methyl Iodide	2.453	142	144009	51.656	ug/l	92
11) Tert butyl alcohol	2.953	59	125811	213.770	ug/l	# 92
12) 1,1-Dichloroethene	2.319	96	110119	54.087	ug/l	85
13) Acrolein	2.233	56	110914	190.764	ug/l	99
14) Allyl chloride	2.666	41	167089	49.276	ug/l	# 95
15) Acrylonitrile	3.062	53	325855	249.024	ug/l	99
16) Acetone	2.380	43	258541	196.012	ug/l	# 88
17) Carbon Disulfide	2.514	76	272862	53.455	ug/l	100
18) Methyl Acetate	2.703	43	216305	45.459	ug/l	# 90
19) Methyl tert-butyl Ether	3.111	73	390767	52.175	ug/l	100
20) Methylene Chloride	2.788	84	133554	54.770	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	127739	56.503	ug/l	89
22) Diisopropyl ether	3.757	45	371760	52.633	ug/l	# 92
23) Vinyl Acetate	3.721	43	1271537	244.744	ug/l	# 94
24) 1,1-Dichloroethane	3.611	63	221809	52.405	ug/l	97
25) 2-Butanone	4.550	43	416677	223.860	ug/l	# 90
26) 2,2-Dichloropropane	4.477	77	148599	43.450	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	152927	55.177	ug/l	86
28) Bromochloromethane	4.897	49	89301	45.226	ug/l	# 78
29) Tetrahydrofuran	5.007	42	277752	239.900	ug/l	# 88
30) Chloroform	5.099	83	247483	54.278	ug/l	96
31) Cyclohexane	5.470	56	189261	53.780	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	213964	55.422	ug/l	97
36) 1,1-Dichloropropene	5.696	75	176497	55.498	ug/l	96
37) Ethyl Acetate	4.708	43	159895	45.734	ug/l	96
38) Carbon Tetrachloride	5.684	117	184727	55.515	ug/l	96
39) Methylcyclohexane	7.385	83	221821	54.957	ug/l	91
40) Benzene	6.037	78	531410	54.339	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092923\
 Data File : VX037988.D
 Acq On : 29 Sep 2023 20:01
 Operator : JC/MD
 Sample : 04656-07MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-106MSD

Quant Time: Sep 29 23:10:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/30/2023
 Supervised By : Mahesh Dadoda 10/02/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	90618	50.833	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	189900	53.725	ug/l	96
43) Isopropyl Acetate	6.342	43	268570	48.041	ug/l #	95
44) Trichloroethene	7.129	130	147916	54.311	ug/l	94
45) 1,2-Dichloropropane	7.427	63	135873	53.499	ug/l	99
46) Dibromomethane	7.580	93	102442	56.074	ug/l	92
47) Bromodichloromethane	7.824	83	188190	55.932	ug/l	99
48) Methyl methacrylate	7.696	41	137792	51.560	ug/l #	89
49) 1,4-Dioxane	7.659	88	61778	881.758	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	879743	248.031	ug/l	94
52) Toluene	8.720	92	353501	56.087	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	198645	56.463	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	208872	53.645	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	146040	54.958	ug/l	94
56) Ethyl methacrylate	9.116	69	212666	53.608	ug/l	90
57) 1,3-Dichloropropane	9.311	76	234730	54.588	ug/l	100
59) 2-Hexanone	9.427	43	673529	243.889	ug/l	92
60) Dibromochloromethane	9.525	129	155858	58.877	ug/l	100
61) 1,2-Dibromoethane	9.610	107	160138	56.918	ug/l	99
64) Tetrachloroethene	9.275	164	123395	54.177	ug/l	97
65) Chlorobenzene	10.079	112	390116	54.155	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	143564	56.236	ug/l	98
67) Ethyl Benzene	10.195	91	700582	56.094	ug/l	100
68) m/p-Xylenes	10.299	106	548682	113.691	ug/l	96
69) o-Xylene	10.640	106	268997	55.583	ug/l	96
70) Styrene	10.659	104	450361	57.967	ug/l	96
71) Bromoform	10.799	173	115911	57.476	ug/l #	100
73) Isopropylbenzene	10.963	105	708350	49.534	ug/l	98
74) N-amyl acetate	10.841	43	252352	43.574	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	237839	47.291	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	205515m	45.586	ug/l	
77) Bromobenzene	11.195	156	180482	50.991	ug/l	87
78) n-propylbenzene	11.305	91	842346	52.158	ug/l	99
79) 2-Chlorotoluene	11.366	91	486863	48.893	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	615361	50.955	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	61482	43.686	ug/l	88
82) 4-Chlorotoluene	11.451	91	580370	51.770	ug/l	95
83) tert-Butylbenzene	11.713	119	624190	51.140	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	612602	50.984	ug/l	97
85) sec-Butylbenzene	11.890	105	774068	52.275	ug/l	99
86) p-Isopropyltoluene	12.012	119	651659	52.822	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	350858	53.178	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	354234	52.467	ug/l	97
89) n-Butylbenzene	12.329	91	600107	55.527	ug/l	97
90) Hexachloroethane	12.536	117	107383	51.372	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	344958	51.209	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	47794	47.674	ug/l	73
93) 1,2,4-Trichlorobenzene	13.585	180	231237	58.275	ug/l	98
94) Hexachlorobutadiene	13.725	225	99783	53.849	ug/l	97
95) Naphthalene	13.774	128	719168	53.590	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	223106	54.636	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092923\
 Data File : VX037988.D
 Acq On : 29 Sep 2023 20:01
 Operator : JC/MD
 Sample : 04656-07MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-106SMSD

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/30/2023
 Supervised By : Mahesh Dadoda 10/02/2023

Quant Time: Sep 29 23:10:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)= qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092923\
Data File : VX037988.D
Acq On : 29 Sep 2023 20:01
Operator : JC/MD
Sample : 04656-07MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-106MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023

Quant Time: Sep 29 23:10:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration

