

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
 Data File : VX037640.D
 Acq On : 09 Sep 2023 20:15
 Operator : JC/MD
 Sample : 04254-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW11-MW01I-20230830MSD

Quant Time: Sep 11 01:29:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 06:38:11 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/11/2023
 Supervised By : Mahesh Dadoda 09/11/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	87308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	186402	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69566	59.027	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 118.060%#			
35) Dibromofluoromethane	5.385	113	60115	46.109	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.220%			
50) Toluene-d8	8.647	98	201329	42.103	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 84.200%#			
62) 4-Bromofluorobenzene	11.079	95	84126	46.679	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	31776	35.861	ug/l	99
3) Chloromethane	1.301	50	58986	59.466	ug/l	95
4) Vinyl Chloride	1.374	62	49355	48.300	ug/l	100
5) Bromomethane	1.593	94	25698	56.754	ug/l	97
6) Chloroethane	1.666	64	33135	63.634	ug/l	98
7) Trichlorofluoromethane	1.874	101	61925	44.590	ug/l	100
8) Diethyl Ether	2.136	74	44452	72.015	ug/l	72
9) 1,1,2-Trichlorotrifluo...	2.319	101	32762	35.271	ug/l	93
10) Methyl Iodide	2.447	142	72057	59.811	ug/l	90
11) Tert butyl alcohol	2.977	59	113641	430.911	ug/l	96
12) 1,1-Dichloroethene	2.313	96	44707	47.684	ug/l	80
13) Acrolein	2.239	56	84312	325.178	ug/l	98
14) Allyl chloride	2.660	41	81598	62.065	ug/l #	85
15) Acrylonitrile	3.062	53	215934	375.560	ug/l	98
16) Acetone	2.386	43	168061	346.761	ug/l #	81
17) Carbon Disulfide	2.508	76	105268	44.830	ug/l	99
18) Methyl Acetate	2.703	43	132126	67.194	ug/l #	83
19) Methyl tert-butyl Ether	3.117	73	241385	72.618	ug/l	97
20) Methylene Chloride	2.788	84	77978	70.085	ug/l #	82
21) trans-1,2-Dichloroethene	3.087	96	57268	54.680	ug/l	84
22) Diisopropyl ether	3.764	45	190221	68.326	ug/l #	77
23) Vinyl Acetate	3.721	43	648888	326.491	ug/l #	88
24) 1,1-Dichloroethane	3.605	63	111585	61.505	ug/l	97
25) 2-Butanone	4.556	43	268147	364.805	ug/l #	84
26) 2,2-Dichloropropane	4.471	77	52310	39.111	ug/l	89
27) cis-1,2-Dichloroethene	4.489	96	79476	63.679	ug/l	81
28) Bromochloromethane	4.898	49	57423	72.511	ug/l #	71
29) Tetrahydrofuran	5.007	42	173047	367.487	ug/l #	78
30) Chloroform	5.093	83	125610	64.529	ug/l	95
31) Cyclohexane	5.464	56	55330	38.585	ug/l	87
32) 1,1,1-Trichloroethane	5.379	97	89702	53.504	ug/l	95
36) 1,1-Dichloropropene	5.690	75	65370	37.953	ug/l	94
37) Ethyl Acetate	4.715	43	90981	51.518	ug/l #	90
38) Carbon Tetrachloride	5.678	117	70371	39.532	ug/l	98
39) Methylcyclohexane	7.379	83	57945	27.591	ug/l	89
40) Benzene	6.038	78	264328	49.876	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
 Data File : VX037640.D
 Acq On : 09 Sep 2023 20:15
 Operator : JC/MD
 Sample : 04254-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW11-MW01I-20230830MSD

Quant Time: Sep 11 01:29:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 06:38:11 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/11/2023
 Supervised By : Mahesh Dadoda 09/11/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	53989	60.012	ug/l #	83
42) 1,2-Dichloroethane	6.086	62	100498	56.631	ug/l	91
43) Isopropyl Acetate	6.342	43	150746	56.991	ug/l #	87
44) Trichloroethene	7.123	130	63611	43.697	ug/l	95
45) 1,2-Dichloropropane	7.428	63	71951	55.437	ug/l	98
46) Dibromomethane	7.580	93	57482	59.013	ug/l	91
47) Bromodichloromethane	7.824	83	102371	57.515	ug/l	98
48) Methyl methacrylate	7.696	41	78629	62.110	ug/l #	76
49) 1,4-Dioxane	7.665	88	51036	1284.863	ug/l #	84
51) 4-Methyl-2-Pentanone	8.574	43	522638	310.680	ug/l #	86
52) Toluene	8.720	92	172611	50.145	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	106761	57.767	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	115196	56.023	ug/l #	81
55) 1,1,2-Trichloroethane	9.153	97	85822	59.965	ug/l	96
56) Ethyl methacrylate	9.116	69	134056	64.286	ug/l #	77
57) 1,3-Dichloropropane	9.311	76	140559	58.930	ug/l	99
59) 2-Hexanone	9.433	43	400198	311.913	ug/l	82
60) Dibromochloromethane	9.519	129	88669	62.224	ug/l	98
61) 1,2-Dibromoethane	9.610	107	92480	60.341	ug/l	100
64) Tetrachloroethene	9.275	164	45890	34.656	ug/l	96
65) Chlorobenzene	10.079	112	198351	47.743	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	78876	53.571	ug/l	99
67) Ethyl Benzene	10.195	91	306377	43.384	ug/l	99
68) m/p-Xylenes	10.299	106	248864	89.584	ug/l	95
69) o-Xylene	10.640	106	133024	48.158	ug/l	97
70) Styrene	10.653	104	226847	50.513	ug/l	95
71) Bromoform	10.799	173	65977	55.655	ug/l #	100
73) Isopropylbenzene	10.963	105	293786	41.771	ug/l	98
74) N-amyl acetate	10.842	43	125639	51.822	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.213	83	139138	56.927	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	110418m	50.373	ug/l	
77) Bromobenzene	11.195	156	90402	51.928	ug/l	89
78) n-propylbenzene	11.305	91	316980	40.525	ug/l	98
79) 2-Chlorotoluene	11.366	91	232054	46.692	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	261607	43.852	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	35326	49.365	ug/l #	83
82) 4-Chlorotoluene	11.457	91	258103	46.059	ug/l	97
83) tert-Butylbenzene	11.713	119	266388	44.291	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	281350	47.171	ug/l	96
85) sec-Butylbenzene	11.890	105	274036	37.795	ug/l	98
86) p-Isopropyltoluene	12.006	119	240602	39.182	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	152784	46.125	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	155359	46.104	ug/l	99
89) n-Butylbenzene	12.335	91	175274	34.740	ug/l	98
90) Hexachloroethane	12.536	117	45469	43.576	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	166972	50.604	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	30261	58.151	ug/l	70
93) 1,2,4-Trichlorobenzene	13.585	180	89328	44.760	ug/l	98
94) Hexachlorobutadiene	13.725	225	25178	28.581	ug/l	97
95) Naphthalene	13.774	128	389350	55.849	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	96731	46.925	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
Data File : VX037640.D
Acq On : 09 Sep 2023 20:15
Operator : JC/MD
Sample : 04254-03MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01I-20230830MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

Quant Time: Sep 11 01:29:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 09 06:38:11 2023
Response via : Initial Calibration

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

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

