

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
 Data File : VX037683.D
 Acq On : 13 Sep 2023 10:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 14 02:14:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

09/14/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	219077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	364258	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	349047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187103	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	158158	44.621	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.240%
35) Dibromofluoromethane	5.385	113	132537	51.333	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.660%
50) Toluene-d8	8.647	98	498344	51.178	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.360%
62) 4-Bromofluorobenzene	11.079	95	187793	53.456	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.920%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	118556	49.359	ug/l	98
3) Chloromethane	1.301	50	124935	45.658	ug/l	99
4) Vinyl Chloride	1.374	62	139301	45.255	ug/l	100
5) Bromomethane	1.599	94	121969	47.372	ug/l	99
6) Chloroethane	1.679	64	85913	40.594	ug/l	96
7) Trichlorofluoromethane	1.880	101	235224	46.188	ug/l	100
8) Diethyl Ether	2.136	74	90417	44.735	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	115698	50.680	ug/l	98
10) Methyl Iodide	2.453	142	142067	52.695	ug/l	93
11) Tert butyl alcohol	2.965	59	178352	242.766	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	108126	47.972	ug/l	87
13) Acrolein	2.233	56	143420	247.651	ug/l	99
14) Allyl chloride	2.660	41	190728	48.304	ug/l	95
15) Acrylonitrile	3.063	53	382618	235.381	ug/l	99
16) Acetone	2.380	43	358469	250.155	ug/l	90
17) Carbon Disulfide	2.508	76	264525	46.167	ug/l	99
18) Methyl Acetate	2.703	43	279095	46.120	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	429760	48.298	ug/l	100
20) Methylene Chloride	2.788	84	138461	49.972	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	123484	47.619	ug/l	92
22) Diisopropyl ether	3.764	45	411804	47.873	ug/l #	83
23) Vinyl Acetate	3.721	43	1548922	246.868	ug/l	96
24) 1,1-Dichloroethane	3.611	63	235471	46.975	ug/l	100
25) 2-Butanone	4.556	43	542826	232.320	ug/l	92
26) 2,2-Dichloropropane	4.471	77	198013	56.788	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	153203	48.448	ug/l	91
28) Bromochloromethane	4.898	49	113403	44.779	ug/l	88
29) Tetrahydrofuran	5.001	42	340073	228.553	ug/l	91
30) Chloroform	5.093	83	256033	47.295	ug/l	97
31) Cyclohexane	5.471	56	196178	48.064	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	222553	49.395	ug/l	98
36) 1,1-Dichloropropene	5.690	75	176720	50.314	ug/l	97
37) Ethyl Acetate	4.715	43	204922	50.989	ug/l	97
38) Carbon Tetrachloride	5.678	117	191286	53.310	ug/l	98
39) Methylcyclohexane	7.379	83	225786	54.325	ug/l	94
40) Benzene	6.038	78	544199	51.108	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
 Data File : VX037683.D
 Acq On : 13 Sep 2023 10:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

09/14/2023
 Supervised By :Mahesh
 Dadoda

Quant Time: Sep 14 02:14:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.916	41	106568	50.342	ug/l	#	90
42) 1,2-Dichloroethane	6.086	62	202505	48.659	ug/l		98
43) Isopropyl Acetate	6.342	43	333764	52.056	ug/l		97
44) Trichloroethene	7.123	130	141611	53.230	ug/l		97
45) 1,2-Dichloropropane	7.428	63	142185	50.599	ug/l		98
46) Dibromomethane	7.580	93	104969	51.346	ug/l		95
47) Bromodichloromethane	7.824	83	198734	53.850	ug/l		99
48) Methyl methacrylate	7.690	41	161394	52.074	ug/l	#	89
49) 1,4-Dioxane	7.659	88	82607	1075.778	ug/l	#	87
51) 4-Methyl-2-Pentanone	8.574	43	1086173	257.993	ug/l		96
52) Toluene	8.720	92	355668	51.951	ug/l		95
53) t-1,3-Dichloropropene	8.976	75	219759	58.734	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	231663	56.426	ug/l		90
55) 1,1,2-Trichloroethane	9.153	97	153932	53.396	ug/l		95
56) Ethyl methacrylate	9.116	69	237962	53.950	ug/l		92
57) 1,3-Dichloropropane	9.311	76	247259	51.133	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.245	63	612770	286.517	ug/l		100
59) 2-Hexanone	9.427	43	849733	261.476	ug/l		94
60) Dibromochloromethane	9.519	129	162330	57.327	ug/l		100
61) 1,2-Dibromoethane	9.610	107	164341	53.035	ug/l		99
64) Tetrachloroethene	9.275	164	120642	53.346	ug/l		99
65) Chlorobenzene	10.080	112	393335	52.870	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	145058	56.574	ug/l		97
67) Ethyl Benzene	10.195	91	710524	53.666	ug/l		100
68) m/p-Xylenes	10.299	106	547939	108.539	ug/l		99
69) o-Xylene	10.640	106	274812	54.599	ug/l		97
70) Styrene	10.653	104	458829	55.876	ug/l		96
71) Bromoform	10.799	173	120960	60.289	ug/l	#	99
73) Isopropylbenzene	10.964	105	719629	51.372	ug/l		98
74) N-amyl acetate	10.842	43	311604	51.012	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.214	83	257029	49.031	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	204721m	49.769	ug/l		
77) Bromobenzene	11.195	156	176000	53.017	ug/l		91
78) n-propylbenzene	11.305	91	851805	52.854	ug/l		100
79) 2-Chlorotoluene	11.366	91	502446	50.647	ug/l		97
80) 1,3,5-Trimethylbenzene	11.451	105	623805	52.986	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	78334	57.887	ug/l		88
82) 4-Chlorotoluene	11.457	91	584052	51.538	ug/l		97
83) tert-Butylbenzene	11.713	119	618877	52.327	ug/l		96
84) 1,2,4-Trimethylbenzene	11.750	105	623563	52.536	ug/l		98
85) sec-Butylbenzene	11.890	105	783593	53.666	ug/l		99
86) p-Isopropyltoluene	12.006	119	665415	55.614	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	336169	52.740	ug/l		98
88) 1,4-Dichlorobenzene	12.043	146	335840	51.266	ug/l		98
89) n-Butylbenzene	12.335	91	597970	55.181	ug/l		97
90) Hexachloroethane	12.536	117	113745	56.337	ug/l		89
91) 1,2-Dichlorobenzene	12.335	146	332630	52.158	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	55265	51.343	ug/l		83
93) 1,2,4-Trichlorobenzene	13.585	180	212769	56.022	ug/l		95
94) Hexachlorobutadiene	13.725	225	91348	57.578	ug/l		98
95) Naphthalene	13.774	128	720035	52.337	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	212018	54.408	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
Data File : VX037683.D
Acq On : 13 Sep 2023 10:19
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 02:14:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 2023
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :

Manual Integrations
APPROVED

Reviewed By :John
Carlone

09/14/2023
Supervised By :Mahesh
Dadoda

09/14/2023

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\VX091323\
Data File : VX037683.D
Acq On : 13 Sep 2023 10:19
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Sep 14 02:14:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John
Carlone

09/14/2023
Supervised By :Mahesh
Dadoda

09/14/2023

