

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038864.D
 Acq On : 17 Nov 2023 01:32
 Operator : JC/MD
 Sample : 05241-15MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-EVAL-01S-20231102MS

Quant Time: Nov 17 03:29:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	146610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	280902	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	267560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	131338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	102636	43.446	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.900%		
35) Dibromofluoromethane	5.385	113	83310	41.065	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	82.120%		
50) Toluene-d8	8.647	98	319078	41.107	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	82.220%#		
62) 4-Bromofluorobenzene	11.079	95	128407	41.326	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	82.660%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	88680	51.839	ug/l	97
3) Chloromethane	1.294	50	106095	47.517	ug/l	98
4) Vinyl Chloride	1.374	62	109536	50.929	ug/l	99
5) Bromomethane	1.599	94	51699	58.138	ug/l	100
6) Chloroethane	1.678	64	63808	51.986	ug/l	99
7) Trichlorofluoromethane	1.886	101	141693	51.917	ug/l	99
8) Diethyl Ether	2.136	74	59681	50.206	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	83458	46.110	ug/l	98
10) Methyl Iodide	2.453	142	105074	47.697	ug/l	90
11) Tert butyl alcohol	2.959	59	170872	260.057	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	89155	48.790	ug/l	87
13) Acrolein	2.233	56	93234	268.204	ug/l	98
14) Allyl chloride	2.660	41	173650	47.464	ug/l	92
15) Acrylonitrile	3.062	53	350456	252.425	ug/l	98
16) Acetone	2.380	43	285175	226.762	ug/l #	88
17) Carbon Disulfide	2.508	76	254209	44.911	ug/l	99
18) Methyl Acetate	2.703	43	283103	47.394	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	330373	51.403	ug/l	96
20) Methylene Chloride	2.788	84	105777	46.659	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	96903	48.061	ug/l	91
22) Diisopropyl ether	3.757	45	340113	50.675	ug/l	93
23) Vinyl Acetate	3.721	43	1136894	235.198	ug/l	99
24) 1,1-Dichloroethane	3.605	63	187209	49.879	ug/l	100
25) 2-Butanone	4.550	43	499813	245.083	ug/l	95
26) 2,2-Dichloropropane	4.477	77	127233	39.081	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	116588	49.607	ug/l	93
28) Bromochloromethane	4.897	49	93359	51.808	ug/l	98
29) Tetrahydrofuran	5.001	42	339056	261.844	ug/l	98
30) Chloroform	5.092	83	184484	50.338	ug/l	97
31) Cyclohexane	5.470	56	163843	48.576	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	159454	50.231	ug/l	99
36) 1,1-Dichloropropene	5.690	75	136011	46.777	ug/l	98
37) Ethyl Acetate	4.708	43	176105	46.487	ug/l	97
38) Carbon Tetrachloride	5.672	117	134162	49.924	ug/l	94
39) Methylcyclohexane	7.379	83	166702	43.953	ug/l	95
40) Benzene	6.037	78	416926	48.480	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038864.D
 Acq On : 17 Nov 2023 01:32
 Operator : JC/MD
 Sample : 05241-15MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-EVAL-01S-20231102MS

Quant Time: Nov 17 03:29:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/17/2023
 Supervised By :Mahesh Dadoda 11/17/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	98700	50.235	ug/l	93
42) 1,2-Dichloroethane	6.086	62	143150	50.240	ug/l	95
43) Isopropyl Acetate	6.336	43	289560	47.828	ug/l	97
44) Trichloroethene	7.123	130	307452	146.874	ug/l	96
45) 1,2-Dichloropropane	7.427	63	114713	49.566	ug/l	99
46) Dibromomethane	7.580	93	76128	49.326	ug/l	97
47) Bromodichloromethane	7.818	83	147343	48.101	ug/l	97
48) Methyl methacrylate	7.690	41	138801	47.253	ug/l	92
49) 1,4-Dioxane	7.653	88	61181	1076.599	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	975434	252.119	ug/l	99
52) Toluene	8.720	92	259434	48.613	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	171512	47.116	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	179042	47.616	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	109800	49.309	ug/l	95
56) Ethyl methacrylate	9.116	69	187256	49.701	ug/l	94
57) 1,3-Dichloropropane	9.305	76	181330	49.238	ug/l	100
59) 2-Hexanone	9.427	43	768210	247.725	ug/l	96
60) Dibromochloromethane	9.518	129	112137	49.527	ug/l	100
61) 1,2-Dibromoethane	9.610	107	113396	48.529	ug/l	98
64) Tetrachloroethene	9.275	164	74113	44.563	ug/l	95
65) Chlorobenzene	10.079	112	266864	46.302	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	99472	47.979	ug/l	98
67) Ethyl Benzene	10.195	91	500911	47.304	ug/l	99
68) m/p-Xylenes	10.299	106	378024	94.374	ug/l	100
69) o-Xylene	10.640	106	185969	46.920	ug/l	99
70) Styrene	10.652	104	312502	46.685	ug/l	98
71) Bromoform	10.799	173	81799	47.328	ug/l #	99
73) Isopropylbenzene	10.963	105	484132	47.310	ug/l	99
74) N-amyl acetate	10.841	43	244865	45.267	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	188221	47.118	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	156891m	47.878	ug/l	
77) Bromobenzene	11.195	156	107027	46.547	ug/l	96
78) n-propylbenzene	11.305	91	589080	46.768	ug/l	99
79) 2-Chlorotoluene	11.366	91	343316	45.928	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	408652	47.495	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	62845	42.540	ug/l #	81
82) 4-Chlorotoluene	11.451	91	401846	46.622	ug/l	100
83) tert-Butylbenzene	11.713	119	398694	47.050	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	406833	46.715	ug/l	98
85) sec-Butylbenzene	11.890	105	516303	46.580	ug/l	99
86) p-Isopropyltoluene	12.006	119	411882	46.290	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	207349	46.050	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	210702	45.721	ug/l	99
89) n-Butylbenzene	12.329	91	395452	44.050	ug/l	98
90) Hexachloroethane	12.536	117	84498	47.554	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	201062	47.080	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	47214	48.242	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	128046	44.743	ug/l	97
94) Hexachlorobutadiene	13.725	225	42480	41.916	ug/l	97
95) Naphthalene	13.774	128	494069	46.354	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	124535	45.905	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
Data File : VX038864.D
Acq On : 17 Nov 2023 01:32
Operator : JC/MD
Sample : 05241-15MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Nov 17 03:29:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
FSND-EVAL-01S-20231102MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2023
Supervised By :Mahesh Dadoda 11/17/2023

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

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

