

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111823\
 Data File : VX038943.D
 Acq On : 18 Nov 2023 20:55
 Operator : JC/MD
 Sample : 05404-19MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D1-20231109MSD

Quant Time: Nov 20 04:41:25 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 11/20/2023
 Supervised By : Mahesh Dadoda 11/20/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	121444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227174	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87245	44.584	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.160%		
35) Dibromofluoromethane	5.385	113	69189	42.170	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	84.340%		
50) Toluene-d8	8.647	98	256329	40.834	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	81.660%#		
62) 4-Bromofluorobenzene	11.079	95	101881	40.543	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	81.080%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	70604	49.825	ug/l	98
3) Chloromethane	1.295	50	81460	44.044	ug/l	98
4) Vinyl Chloride	1.374	62	82947	46.558	ug/l	99
5) Bromomethane	1.599	94	42998	58.373	ug/l	94
6) Chloroethane	1.679	64	51206	50.364	ug/l	98
7) Trichlorofluoromethane	1.886	101	115398	51.044	ug/l	99
8) Diethyl Ether	2.130	74	47414	48.152	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	67224	44.838	ug/l	98
10) Methyl Iodide	2.453	142	83171	45.578	ug/l	91
11) Tert butyl alcohol	2.959	59	160194	294.328	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	67153	44.365	ug/l	93
13) Acrolein	2.233	56	83860	291.228	ug/l	98
14) Allyl chloride	2.660	41	140348	46.311	ug/l	94
15) Acrylonitrile	3.063	53	296283	257.628	ug/l	99
16) Acetone	2.380	43	255373	245.144	ug/l	90
17) Carbon Disulfide	2.508	76	188380	40.178	ug/l	99
18) Methyl Acetate	2.703	43	239756	48.454	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	265803	49.927	ug/l	98
20) Methylene Chloride	2.788	84	82647	44.011	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	75395	45.143	ug/l	92
22) Diisopropyl ether	3.758	45	271402	48.817	ug/l	92
23) Vinyl Acetate	3.721	43	901058	225.037	ug/l	99
24) 1,1-Dichloroethane	3.605	63	149226	47.998	ug/l	99
25) 2-Butanone	4.550	43	436869	258.610	ug/l	95
26) 2,2-Dichloropropane	4.477	77	104025	38.573	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	92546	47.538	ug/l	94
28) Bromochloromethane	4.898	49	76209	51.055	ug/l	99
29) Tetrahydrofuran	5.001	42	286348	266.964	ug/l	98
30) Chloroform	5.093	83	149049	49.097	ug/l	97
31) Cyclohexane	5.471	56	125266	44.835	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	130640	49.682	ug/l	99
36) 1,1-Dichloropropene	5.690	75	107592	45.754	ug/l	98
37) Ethyl Acetate	4.715	43	144924	47.304	ug/l	99
38) Carbon Tetrachloride	5.678	117	108447	49.899	ug/l	98
39) Methylcyclohexane	7.379	83	130762	42.631	ug/l	100
40) Benzene	6.038	78	326618	46.961	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111823\
 Data File : VX038943.D
 Acq On : 18 Nov 2023 20:55
 Operator : JC/MD
 Sample : 05404-19MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D1-20231109MSD

Quant Time: Nov 20 04:41:25 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 11/20/2023
 Supervised By :Mahesh Dadoda 11/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	82522	51.935	ug/l	94
42) 1,2-Dichloroethane	6.086	62	118401	51.382	ug/l	97
43) Isopropyl Acetate	6.336	43	233405	47.671	ug/l	99
44) Trichloroethene	7.123	130	131057	77.415	ug/l	95
45) 1,2-Dichloropropane	7.434	63	89261	47.691	ug/l	96
46) Dibromomethane	7.580	93	61945	49.629	ug/l	98
47) Bromodichloromethane	7.818	83	120659	48.706	ug/l	98
48) Methyl methacrylate	7.690	41	113532	47.791	ug/l	95
49) 1,4-Dioxane	7.659	88	54758	1191.465	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	813438	259.973	ug/l	100
52) Toluene	8.720	92	203791	47.218	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	134468	45.676	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	139839	45.985	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	86996	48.308	ug/l	94
56) Ethyl methacrylate	9.116	69	148807	48.837	ug/l	97
57) 1,3-Dichloropropane	9.305	76	145207	48.754	ug/l	100
59) 2-Hexanone	9.427	43	653543	260.591	ug/l	98
60) Dibromochloromethane	9.519	129	91390	49.910	ug/l	99
61) 1,2-Dibromoethane	9.610	107	92647	49.027	ug/l	99
64) Tetrachloroethene	9.275	164	62847	47.339	ug/l	97
65) Chlorobenzene	10.080	112	217297	47.230	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	79721	48.170	ug/l	98
67) Ethyl Benzene	10.195	91	400110	47.334	ug/l	99
68) m/p-Xylenes	10.299	106	298126	93.236	ug/l	99
69) o-Xylene	10.640	106	148036	46.788	ug/l	98
70) Styrene	10.653	104	249191	46.635	ug/l	98
71) Bromoform	10.799	173	67654	49.036	ug/l #	98
73) Isopropylbenzene	10.964	105	384410	45.872	ug/l	99
74) N-amyl acetate	10.842	43	194428	43.891	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	152077	46.489	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	126129m	47.002	ug/l	
77) Bromobenzene	11.195	156	87877	46.670	ug/l	98
78) n-propylbenzene	11.305	91	473211	45.877	ug/l	98
79) 2-Chlorotoluene	11.366	91	278022	45.417	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	330781	46.946	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	50259	41.543	ug/l #	83
82) 4-Chlorotoluene	11.451	91	326643	46.277	ug/l	100
83) tert-Butylbenzene	11.713	119	324101	46.705	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	330947	46.405	ug/l	99
85) sec-Butylbenzene	11.890	105	412699	45.467	ug/l	99
86) p-Isopropyltoluene	12.006	119	329422	45.210	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	169954	46.092	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	171999	45.576	ug/l	98
89) n-Butylbenzene	12.329	91	321185	43.689	ug/l	97
90) Hexachloroethane	12.536	117	66611	45.777	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	165835	47.418	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	39534	49.327	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	105353	44.954	ug/l	98
94) Hexachlorobutadiene	13.725	225	35833	43.176	ug/l	98
95) Naphthalene	13.774	128	404559	46.350	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	103116	46.415	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111823\
Data File : VX038943.D
Acq On : 18 Nov 2023 20:55
Operator : JC/MD
Sample : 05404-19MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20231109MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

Quant Time: Nov 20 04:41:25 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

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\VX111823\
 Data File : VX038943.D
 Acq On : 18 Nov 2023 20:55
 Operator : JC/MD
 Sample : 05404-19MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D1-20231109MSD

Quant Time: Nov 20 04:41:25 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 11/20/2023
 Supervised By :Mahesh Dadoda 11/20/2023

