

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031523\
 Data File : VX034529.D
 Acq On : 15 Mar 2023 23:25
 Operator : JC/MD
 Sample : 01909-04MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DS-02-031023-AMMSD

Quant Time: Mar 16 05:28:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/16/2023
 Supervised By : Mahesh Dadoda 03/16/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	266571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	465146	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	418714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	214037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	214195	55.232	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.460%			
35) Dibromofluoromethane	5.385	113	160564	52.282	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.560%			
50) Toluene-d8	8.647	98	584735	51.003	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.000%			
62) 4-Bromofluorobenzene	11.079	95	235541	50.863	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	123820	49.824	ug/l	100
3) Chloromethane	1.307	50	169559	44.908	ug/l	98
4) Vinyl Chloride	1.374	62	163190	48.227	ug/l	100
5) Bromomethane	1.599	94	88118	51.612	ug/l	97
6) Chloroethane	1.679	64	104073	53.417	ug/l	98
7) Trichlorofluoromethane	1.886	101	259496	51.037	ug/l	100
8) Diethyl Ether	2.130	74	95411	51.405	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	145439	49.083	ug/l	100
10) Methyl Iodide	2.453	142	204330	52.523	ug/l	98
11) Tert butyl alcohol	2.953	59	179455	222.214	ug/l	99
12) 1,1-Dichloroethene	2.319	96	142694	48.897	ug/l	97
13) Acrolein	2.233	56	196158	307.038	ug/l	99
14) Allyl chloride	2.660	41	275057	46.491	ug/l	96
15) Acrylonitrile	3.062	53	448876	257.307	ug/l	99
16) Acetone	2.374	43	395651	216.586	ug/l	97
17) Carbon Disulfide	2.508	76	350359	42.662	ug/l	98
18) Methyl Acetate	2.703	43	262297	43.943	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	530876	50.808	ug/l	98
20) Methylene Chloride	2.788	84	164420	46.376	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	151772	48.972	ug/l	98
22) Diisopropyl ether	3.757	45	566875	50.254	ug/l	94
23) Vinyl Acetate	3.721	43	1887964	219.917	ug/l	99
24) 1,1-Dichloroethane	3.611	63	303953	50.127	ug/l	99
25) 2-Butanone	4.550	43	647341	247.658	ug/l	99
26) 2,2-Dichloropropane	4.471	77	227290	43.123	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	185182	49.636	ug/l	99
28) Bromochloromethane	4.897	49	148016	52.499	ug/l	98
29) Tetrahydrofuran	5.001	42	418520	259.484	ug/l	100
30) Chloroform	5.093	83	316082	53.178	ug/l	97
31) Cyclohexane	5.471	56	263209	48.395	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	275582	52.374	ug/l	99
36) 1,1-Dichloropropene	5.690	75	226489	48.015	ug/l	99
37) Ethyl Acetate	4.708	43	217430	42.193	ug/l	99
38) Carbon Tetrachloride	5.678	117	227890	48.564	ug/l	97
39) Methylcyclohexane	7.379	83	261781	46.374	ug/l	94
40) Benzene	6.037	78	660138	47.839	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031523\
 Data File : VX034529.D
 Acq On : 15 Mar 2023 23:25
 Operator : JC/MD
 Sample : 01909-04MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DS-02-031023-AMMSD

Quant Time: Mar 16 05:28:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	145955	51.681	ug/l	98
42) 1,2-Dichloroethane	6.086	62	266964	52.641	ug/l	99
43) Isopropyl Acetate	6.336	43	405838	46.488	ug/l	100
44) Trichloroethene	7.123	130	166230	46.363	ug/l	96
45) 1,2-Dichloropropane	7.427	63	177492	49.262	ug/l	99
46) Dibromomethane	7.580	93	120995	49.395	ug/l	100
47) Bromodichloromethane	7.824	83	241021	50.840	ug/l	97
48) Methyl methacrylate	7.690	41	213445	50.837	ug/l	97
49) 1,4-Dioxane	7.653	88	80606	914.034	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	1311017	258.874	ug/l	99
52) Toluene	8.720	92	417718	48.895	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	261829	49.023	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	277394	48.006	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	172683	50.932	ug/l	97
56) Ethyl methacrylate	9.116	69	280264	50.346	ug/l	98
57) 1,3-Dichloropropane	9.305	76	300555	49.878	ug/l	99
59) 2-Hexanone	9.427	43	995510	254.295	ug/l	99
60) Dibromochloromethane	9.519	129	180764	50.835	ug/l	99
61) 1,2-Dibromoethane	9.610	107	181258	49.542	ug/l	100
64) Tetrachloroethene	9.275	164	131331	46.693	ug/l	98
65) Chlorobenzene	10.079	112	444072	48.338	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	166229	49.680	ug/l	99
67) Ethyl Benzene	10.195	91	815802	49.603	ug/l	98
68) m/p-Xylenes	10.299	106	616863	97.638	ug/l	99
69) o-Xylene	10.640	106	305872	48.243	ug/l	97
70) Styrene	10.653	104	513943	50.242	ug/l	99
71) Bromoform	10.799	173	127078	49.339	ug/l	100
73) Isopropylbenzene	10.963	105	808733	48.888	ug/l	99
74) N-amyl acetate	10.842	43	344184	43.439	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	277793	50.323	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	232295m	47.267	ug/l	
77) Bromobenzene	11.195	156	193101	48.653	ug/l	100
78) n-propylbenzene	11.305	91	945406	49.486	ug/l	100
79) 2-Chlorotoluene	11.366	91	580416	49.192	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	684315	49.319	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	79835	43.947	ug/l	93
82) 4-Chlorotoluene	11.451	91	675928	49.735	ug/l	100
83) tert-Butylbenzene	11.713	119	681581	48.720	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	694101	48.948	ug/l	98
85) sec-Butylbenzene	11.890	105	835200	48.833	ug/l	100
86) p-Isopropyltoluene	12.006	119	702731	48.889	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	365703	47.027	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	372896	47.423	ug/l	99
89) n-Butylbenzene	12.335	91	609854	47.725	ug/l	99
90) Hexachloroethane	12.536	117	127144	47.803	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	368910	49.089	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	63371	50.528	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	221243	47.077	ug/l	99
94) Hexachlorobutadiene	13.725	225	86589	45.734	ug/l	99
95) Naphthalene	13.774	128	767919	48.728	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	214958	46.792	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031523\
Data File : VX034529.D
Acq On : 15 Mar 2023 23:25
Operator : JC/MD
Sample : 01909-04MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMSD

Manual Integrations
APPROVED

Reviewed By : John Carlone 03/16/2023
Supervised By : Mahesh Dadoda 03/16/2023

Quant Time: Mar 16 05:28:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

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

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

