

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022123\
 Data File : VX034214.D
 Acq On : 21 Feb 2023 17:04
 Operator : JC/MD
 Sample : 01627-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2023

Quant Time: Feb 22 03:02:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 02:40:46 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/22/2023
 Supervised By : Mahesh Dadoda 02/22/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	309674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	512487	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	456289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	215468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	188770	45.262	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.520%		
35) Dibromofluoromethane	5.385	113	161197	48.309	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.620%		
50) Toluene-d8	8.647	98	599342	50.028	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.060%		
62) 4-Bromofluorobenzene	11.079	95	214300	46.765	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.520%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	12872	4.810	ug/l	98
3) Chloromethane	1.300	50	19564	5.081	ug/l	100
4) Vinyl Chloride	1.374	62	20636	5.884	ug/l	98
5) Bromomethane	1.599	94	10031	7.208	ug/l	96
6) Chloroethane	1.684	64	11369	6.448	ug/l	98
7) Trichlorofluoromethane	1.886	101	28829	6.076	ug/l	95
8) Diethyl Ether	2.136	74	11356	5.941	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	15721	4.705	ug/l	97
10) Methyl Iodide	2.453	142	16633	4.088	ug/l	94
11) Tert butyl alcohol	2.959	59	28216	30.249	ug/l #	87
12) 1,1-Dichloroethene	2.318	96	16130	4.816	ug/l	91
13) Acrolein	2.239	56	11323	26.592	ug/l	95
14) Allyl chloride	2.666	41	31410	4.421	ug/l	90
15) Acrylonitrile	3.068	53	51594	25.354	ug/l	98
16) Acetone	2.379	43	45106	20.966	ug/l #	89
17) Carbon Disulfide	2.514	76	43314	4.498	ug/l	99
18) Methyl Acetate	2.703	43	29387	4.414	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	58473	4.946	ug/l	96
20) Methylene Chloride	2.788	84	19418	5.009	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	16750	4.772	ug/l	93
22) Diisopropyl ether	3.757	45	63918	5.131	ug/l #	77
23) Vinyl Acetate	3.721	43	256933	25.746	ug/l	100
24) 1,1-Dichloroethane	3.611	63	32821	4.800	ug/l	98
25) 2-Butanone	4.562	43	72435	23.269	ug/l	100
26) 2,2-Dichloropropane	4.477	77	27312	4.409	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	20554	4.945	ug/l	96
28) Bromochloromethane	4.903	49	15178m	4.976	ug/l	
29) Tetrahydrofuran	5.007	42	47474	25.000	ug/l	99
30) Chloroform	5.098	83	32146	4.896	ug/l	99
31) Cyclohexane	5.470	56	30662	4.924	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	28270	4.803	ug/l	99
36) 1,1-Dichloropropene	5.696	75	23520	4.766	ug/l	98
37) Ethyl Acetate	4.721	43	27832	5.047	ug/l	97
38) Carbon Tetrachloride	5.684	117	24700	4.864	ug/l	94
39) Methylcyclohexane	7.385	83	30123	4.743	ug/l	92
40) Benzene	6.043	78	72600	4.964	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022123\
 Data File : VX034214.D
 Acq On : 21 Feb 2023 17:04
 Operator : JC/MD
 Sample : 01627-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2023

Quant Time: Feb 22 03:02:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 02:40:46 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/22/2023
 Supervised By : Mahesh Dadoda 02/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	15599m	5.077	ug/l	
42) 1,2-Dichloroethane	6.092	62	24644	4.791	ug/l	99
43) Isopropyl Acetate	6.348	43	46241	4.751	ug/l	99
44) Trichloroethene	7.129	130	18902	5.037	ug/l	98
45) 1,2-Dichloropropane	7.433	63	19152	4.920	ug/l	98
46) Dibromomethane	7.586	93	13088	5.108	ug/l	88
47) Bromodichloromethane	7.824	83	24996	4.754	ug/l	98
48) Methyl methacrylate	7.696	41	21665	4.690	ug/l	96
49) 1,4-Dioxane	7.665	88	9373	101.730	ug/l #	98
51) 4-Methyl-2-Pentanone	8.573	43	143311	26.765	ug/l	99
52) Toluene	8.720	92	46167	5.210	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	27521	4.547	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	29770	4.595	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	18135	5.070	ug/l	95
56) Ethyl methacrylate	9.116	69	29565	4.886	ug/l	98
57) 1,3-Dichloropropane	9.311	76	31307	5.031	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	68097	25.981	ug/l	95
59) 2-Hexanone	9.433	43	104985	25.727	ug/l	99
60) Dibromochloromethane	9.518	129	18289	4.628	ug/l	97
61) 1,2-Dibromoethane	9.610	107	19452	5.142	ug/l	97
64) Tetrachloroethene	9.275	164	16577	5.148	ug/l	93
65) Chlorobenzene	10.079	112	47929	5.039	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	17598	4.779	ug/l	96
67) Ethyl Benzene	10.195	91	84552	4.948	ug/l	98
68) m/p-Xylenes	10.305	106	66658	10.194	ug/l	99
69) o-Xylene	10.640	106	33234	5.105	ug/l	100
70) Styrene	10.658	104	52590	4.967	ug/l	98
71) Bromoform	10.799	173	13429	4.468	ug/l #	100
73) Isopropylbenzene	10.963	105	82611	5.031	ug/l	100
74) N-amyl acetate	10.841	43	38648	4.685	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	28104	5.004	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	25211m	4.650	ug/l	
77) Bromobenzene	11.201	156	20826	5.270	ug/l	92
78) n-propylbenzene	11.305	91	92624	4.850	ug/l	100
79) 2-Chlorotoluene	11.366	91	56170	4.796	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	68703	4.976	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8389	3.975	ug/l	94
82) 4-Chlorotoluene	11.457	91	63216	4.739	ug/l	98
83) tert-Butylbenzene	11.713	119	71561	5.061	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	66973	4.798	ug/l	99
85) sec-Butylbenzene	11.890	105	84887	4.943	ug/l	98
86) p-Isopropyltoluene	12.012	119	70337	4.949	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	37512	5.061	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	38012	5.085	ug/l	93
89) n-Butylbenzene	12.335	91	56953	4.500	ug/l	98
90) Hexachloroethane	12.536	117	13670	4.601	ug/l	80
91) 1,2-Dichlorobenzene	12.335	146	37753	5.206	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5424	4.050	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	21773	4.677	ug/l	99
94) Hexachlorobutadiene	13.725	225	8984	4.655	ug/l	97
95) Naphthalene	13.774	128	73835	4.708	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	22317	4.829	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022123\
Data File : VX034214.D
Acq On : 21 Feb 2023 17:04
Operator : JC/MD
Sample : 01627-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2023

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

Quant Time: Feb 22 03:02:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 22 02:40:46 2023
Response via : Initial Calibration

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

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

