

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081424\
 Data File : VX043039.D
 Acq On : 14 Aug 2024 18:16
 Operator : JC/MD
 Sample : P3390-08 1.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2024

Quant Time: Aug 15 05:01:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 04:57:27 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/15/2024
 Supervised By : Mahesh Dadoda 08/15/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	124938	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	221691	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86612	52.758	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.520%			
35) Dibromofluoromethane	5.385	113	72079	52.556	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.120%			
50) Toluene-d8	8.647	98	272165	51.409	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.820%			
62) 4-Bromofluorobenzene	11.079	95	87232	45.442	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 90.880%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	1246	0.986	ug/l	94
3) Chloromethane	1.301	50	1740	0.931	ug/l	# 73
4) Vinyl Chloride	1.374	62	1735	0.924	ug/l	91
5) Bromomethane	1.599	94	985	1.731	ug/l	93
6) Chloroethane	1.666	64	807	1.363	ug/l	# 56
7) Trichlorofluoromethane	1.874	101	1968	1.002	ug/l	94
8) Diethyl Ether	2.136	74	1011	1.113	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	1256	0.894	ug/l	96
10) Methyl Iodide	2.441	142	1039	0.693	ug/l	# 87
11) Tert butyl alcohol	2.995	59	1801	4.252	ug/l	# 74
12) 1,1-Dichloroethene	2.307	96	1618	1.074	ug/l	# 72
13) Acrolein	2.239	56	2516	5.876	ug/l	89
14) Allyl chloride	2.660	41	2889	1.023	ug/l	88
15) Acrylonitrile	3.075	53	4829	4.603	ug/l	97
16) Acetone	2.392	43	3805	4.673	ug/l	91
17) Carbon Disulfide	2.502	76	4085	0.945	ug/l	# 92
18) Methyl Acetate	2.709	43	2582	0.960	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	4804	0.946	ug/l	# 90
20) Methylene Chloride	2.788	84	2537	1.347	ug/l	# 79
21) trans-1,2-Dichloroethene	3.087	96	1437	0.914	ug/l	# 83
22) Diisopropyl ether	3.770	45	5113	0.887	ug/l	# 56
23) Vinyl Acetate	3.733	43	28230	4.198	ug/l	98
24) 1,1-Dichloroethane	3.605	63	2656	0.913	ug/l	# 95
25) 2-Butanone	4.593	43	5955	4.172	ug/l	# 89
26) 2,2-Dichloropropane	4.471	77	2133	0.920	ug/l	91
27) cis-1,2-Dichloroethene	4.489	96	1735	0.915	ug/l	84
28) Bromochloromethane	4.910	49	1295	0.984	ug/l	# 99
29) Tetrahydrofuran	5.044	42	5064	5.119	ug/l	91
30) Chloroform	5.105	83	2602	0.931	ug/l	# 83
31) Cyclohexane	5.464	56	2428	0.887	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	2177	0.933	ug/l	# 51
36) 1,1-Dichloropropene	5.690	75	1700	0.892	ug/l	91
37) Ethyl Acetate	4.763	43	2942m	1.096	ug/l	
38) Carbon Tetrachloride	5.672	117	2115	1.098	ug/l	# 84
39) Methylcyclohexane	7.379	83	2260	0.857	ug/l	97
40) Benzene	6.044	78	5510	0.849	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081424\
 Data File : VX043039.D
 Acq On : 14 Aug 2024 18:16
 Operator : JC/MD
 Sample : P3390-08 1.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2024

Quant Time: Aug 15 05:01:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 04:57:27 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/15/2024
 Supervised By : Mahesh Dadoda 08/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.952	41	1293m	0.914	ug/l	
42) 1,2-Dichloroethane	6.098	62	1832	0.970	ug/l	91
43) Isopropyl Acetate	6.361	43	4734	1.093	ug/l #	87
44) Trichloroethene	7.135	130	1362	0.927	ug/l	79
45) 1,2-Dichloropropane	7.440	63	1390	0.870	ug/l	98
46) Dibromomethane	7.592	93	978	0.895	ug/l	91
47) Bromodichloromethane	7.830	83	1836	0.866	ug/l #	85
48) Methyl methacrylate	7.714	41	1889m	0.978	ug/l	
49) 1,4-Dioxane	7.702	88	645m	15.254	ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	11583	4.209	ug/l	98
52) Toluene	8.720	92	3575	0.912	ug/l	99
53) t-1,3-Dichloropropene	8.988	75	1682	0.726	ug/l	95
54) cis-1,3-Dichloropropene	8.379	75	2228	0.875	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	1438	0.934	ug/l #	79
56) Ethyl methacrylate	9.128	69	2042	0.732	ug/l	91
57) 1,3-Dichloropropane	9.317	76	2296	0.880	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.251	63	5405	4.130	ug/l	98
59) 2-Hexanone	9.439	43	8506	4.022	ug/l	95
60) Dibromochloromethane	9.525	129	1471	0.906	ug/l	94
61) 1,2-Dibromoethane	9.616	107	1268	0.816	ug/l	95
64) Tetrachloroethene	9.275	164	1143	0.965	ug/l #	85
65) Chlorobenzene	10.079	112	3974	1.004	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.159	131	1039	0.779	ug/l #	59
67) Ethyl Benzene	10.201	91	6167	0.896	ug/l	96
68) m/p-Xylenes	10.305	106	4736	1.790	ug/l	97
69) o-Xylene	10.646	106	2407	0.906	ug/l	97
70) Styrene	10.665	104	4057	0.911	ug/l	90
71) Bromoform	10.805	173	1069	0.965	ug/l #	94
73) Isopropylbenzene	10.963	105	5666	0.970	ug/l	100
74) N-amyl acetate	10.854	43	3281	0.987	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	2232	0.993	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	1734m	0.988	ug/l	
77) Bromobenzene	11.201	156	1482	1.056	ug/l	85
78) n-propylbenzene	11.305	91	5931	0.891	ug/l	99
79) 2-Chlorotoluene	11.366	91	4599	1.110	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	4516	0.939	ug/l	92
81) trans-1,4-Dichloro-2-b...	11.024	75	522m	0.649	ug/l	
82) 4-Chlorotoluene	11.457	91	4905	1.063	ug/l	97
83) tert-Butylbenzene	11.713	119	4743	0.953	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	4404	0.908	ug/l	97
85) sec-Butylbenzene	11.890	105	5234	0.866	ug/l	100
86) p-Isopropyltoluene	12.012	119	4340	0.879	ug/l	96
87) 1,3-Dichlorobenzene	11.976	146	2407	0.954	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	2584m	1.001	ug/l	
89) n-Butylbenzene	12.335	91	3513	0.822	ug/l	99
90) Hexachloroethane	12.536	117	851	0.858	ug/l	93
91) 1,2-Dichlorobenzene	12.341	146	2349	0.924	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	392	0.892	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	1200	0.838	ug/l	96
94) Hexachlorobutadiene	13.725	225	459	0.859	ug/l	77
95) Naphthalene	13.780	128	5293	0.936	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1331	0.909	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081424\
Data File : VX043039.D
Acq On : 14 Aug 2024 18:16
Operator : JC/MD
Sample : P3390-08 1.0PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2024

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024

Quant Time: Aug 15 05:01:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 15 04:57:27 2024
Response via : Initial Calibration

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

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

