

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112520\
 Data File : VX019667.D
 Acq On : 25 Nov 2020 19:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/30/2020 9:54:05 AM

Quant Time: Nov 26 06:54:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	265544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	457299	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	408968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	194132	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	176273	51.20	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.40%
35) Dibromofluoromethane	5.46	113	141900	49.43	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.86%
50) Toluene-d8	8.70	98	536042	48.06	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.12%
62) 4-Bromofluorobenzene	11.12	95	194464	48.46	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.92%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	125132	48.458	ug/l	99
3) Chloromethane	1.31	50	137831	46.514	ug/l	99
4) Vinyl Chloride	1.39	62	156618	49.099	ug/l	98
5) Bromomethane	1.62	94	56675	46.908	ug/l	98
6) Chloroethane	1.70	64	53769	70.968	ug/l	96
7) Trichlorofluoromethane	1.90	101	222956	48.427	ug/l	98
8) Diethyl Ether	2.17	74	93047	50.463	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	124402	48.433	ug/l	99
10) Methyl Iodide	2.48	142	175463	51.999	ug/l	99
11) Tert butyl alcohol	3.04	59	183044	280.919	ug/l	99
12) 1,1-Dichloroethene	2.35	96	126315	47.914	ug/l	99
13) Acrolein	2.28	56	88796	202.733	ug/l	99
14) Allyl chloride	2.70	41	207420	50.223	ug/l	100
15) Acrylonitrile	3.12	53	415138	270.153	ug/l	100
16) Acetone	2.43	43	331796	249.195	ug/l	100
17) Carbon Disulfide	2.54	76	317469	44.825	ug/l	100
18) Methyl Acetate	2.75	43	178716	54.683	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	499694	54.912	ug/l	98
20) Methylene Chloride	2.83	84	164761	49.509	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	148874	49.842	ug/l	95
22) Diisopropyl ether	3.82	45	460327	53.879	ug/l	98
23) Vinyl Acetate	3.78	43	1978467	276.080	ug/l	99
24) 1,1-Dichloroethane	3.67	63	274946	52.614	ug/l	99
25) 2-Butanone	4.64	43	529040	264.504	ug/l	99
26) 2,2-Dichloropropane	4.55	77	208271	45.660	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	179542	52.329	ug/l	99
28) Bromochloromethane	4.98	49	122401	48.991	ug/l	100
29) Tetrahydrofuran	5.09	42	340031	266.446	ug/l	100
30) Chloroform	5.17	83	287430	52.602	ug/l	97
31) Cyclohexane	5.54	56	223207	49.845	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	246557	52.528	ug/l	99
36) 1,1-Dichloropropene	5.76	75	204653	47.736	ug/l	99
37) Ethyl Acetate	4.79	43	209241	51.988	ug/l	99
38) Carbon Tetrachloride	5.75	117	204192	49.207	ug/l	100

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Quant Time: Nov 26 06:54:53 2020
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	231675	46.411	ug/l	99
40) Benzene	6.11	78	647878	49.185	ug/l	99
41) Methacrylonitrile	5.01	41	115217	51.912	ug/l	100
42) 1,2-Dichloroethane	6.16	62	225252	49.891	ug/l	100
43) Isopropyl Acetate	6.42	43	342095	50.563	ug/l	99
44) Trichloroethene	7.18	130	165715	48.028	ug/l	94
45) 1,2-Dichloropropane	7.49	63	164428	50.706	ug/l	99
46) Dibromomethane	7.63	93	111188	50.097	ug/l	98
47) Bromodichloromethane	7.87	83	221250	51.373	ug/l	97
48) Methyl methacrylate	7.74	41	169131	53.378	ug/l	99
49) 1,4-Dioxane	7.72	88	77346	1075.105	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1032424	261.687	ug/l	99
52) Toluene	8.76	92	403552	50.080	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	237674	51.099	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	262093	50.776	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	165334	50.379	ug/l	97
56) Ethyl methacrylate	9.16	69	251367	54.130	ug/l	99
57) 1,3-Dichloropropane	9.35	76	279014	50.781	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	681810	250.569	ug/l	100
59) 2-Hexanone	9.48	43	778757	260.264	ug/l	100
60) Dibromochloromethane	9.57	129	168046	52.277	ug/l	99
61) 1,2-Dibromoethane	9.65	107	169030	49.967	ug/l	98
64) Tetrachloroethene	9.32	164	135167	42.047	ug/l	93
65) Chlorobenzene	10.12	112	415682	49.436	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	157494	51.494	ug/l	98
67) Ethyl Benzene	10.23	91	750635	50.959	ug/l	100
68) m/p-Xylenes	10.34	106	546770	99.630	ug/l	98
69) o-Xylene	10.68	106	268407	51.163	ug/l	99
70) Styrene	10.70	104	459279	47.384	ug/l	99
71) Bromoform	10.84	173	118370	45.998	ug/l #	97
73) Isopropylbenzene	11.00	105	709076	52.799	ug/l	99
74) N-amyl acetate	10.88	43	289434	57.515	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	249325	51.915	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	221478m	52.277	ug/l	
77) Bromobenzene	11.24	156	177737	51.843	ug/l	99
78) n-propylbenzene	11.34	91	791427	51.370	ug/l	100
79) 2-Chlorotoluene	11.40	91	489147	52.352	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	593689	52.698	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	75684	48.398	ug/l	99
82) 4-Chlorotoluene	11.49	91	567656	51.609	ug/l	99
83) tert-Butylbenzene	11.76	119	586606	53.821	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	597050	52.378	ug/l	99
85) sec-Butylbenzene	11.93	105	657566	50.714	ug/l	99
86) p-Isopropyltoluene	12.05	119	596483	50.668	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	310329	49.289	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	316958	48.872	ug/l	99
89) n-Butylbenzene	12.37	91	515033	48.392	ug/l	99
90) Hexachloroethane	12.58	117	101696	51.624	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	315787	49.937	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	52391	53.473	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	200264	49.327	ug/l	98
94) Hexachlorobutadiene	13.76	225	79156	42.800	ug/l	99
95) Naphthalene	13.82	128	701498	49.034	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	205815	50.682	ug/l	96

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

