

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102220\
 Data File : VX019014.D
 Acq On : 22 Oct 2020 10:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 11:44:47 AM

Quant Time: Oct 23 08:49:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	259438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	421650	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	394857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	204120	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	149322	48.05	ug/l	0.00
Spiked Amount						
			Recovery	=	96.10%	
35) Dibromofluoromethane	5.46	113	131632	49.31	ug/l	-0.01
Spiked Amount						
			Recovery	=	98.62%	
50) Toluene-d8	8.70	98	505488	49.62	ug/l	0.00
Spiked Amount						
			Recovery	=	99.24%	
62) 4-Bromofluorobenzene	11.12	95	182528	50.37	ug/l	0.00
Spiked Amount						
			Recovery	=	100.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	132677	51.341	ug/l	99
3) Chloromethane	1.31	50	124931	48.622	ug/l	99
4) Vinyl Chloride	1.39	62	151049	49.822	ug/l	99
5) Bromomethane	1.64	94	140282	51.043	ug/l	97
6) Chloroethane	1.71	64	102700	48.399	ug/l	100
7) Trichlorofluoromethane	1.92	101	250307	48.856	ug/l	99
8) Diethyl Ether	2.17	74	93818	46.765	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	121644	50.117	ug/l	100
10) Methyl Iodide	2.49	142	149630	44.317	ug/l	99
11) Tert butyl alcohol	3.03	59	146902	233.400	ug/l	100
12) 1,1-Dichloroethene	2.36	96	121448	48.095	ug/l	97
13) Acrolein	2.27	56	54286	229.888	ug/l	97
14) Allyl chloride	2.70	41	162159	49.640	ug/l	98
15) Acrylonitrile	3.11	53	282975	232.499	ug/l	99
16) Acetone	2.42	43	243580	230.118	ug/l	100
17) Carbon Disulfide	2.55	76	344697	47.331	ug/l	100
18) Methyl Acetate	2.75	43	124587	47.432	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	386790	48.356	ug/l	99
20) Methylene Chloride	2.83	84	139184	47.232	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	140667	47.739	ug/l	98
22) Diisopropyl ether	3.82	45	318434	49.434	ug/l	98
23) Vinyl Acetate	3.78	43	1503249	245.764	ug/l	100
24) 1,1-Dichloroethane	3.67	63	227738	48.546	ug/l	99
25) 2-Butanone	4.63	43	396931	237.325	ug/l	98
26) 2,2-Dichloropropane	4.54	77	221309	51.094	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	162132	48.484	ug/l	100
28) Bromochloromethane	4.98	49	92867	46.620	ug/l	99
29) Tetrahydrofuran	5.08	42	228283	228.360	ug/l	99
30) Chloroform	5.17	83	252006	49.480	ug/l	99
31) Cyclohexane	5.54	56	181449	49.859	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	228126	49.386	ug/l	100
36) 1,1-Dichloropropene	5.76	75	191659	50.657	ug/l	98
37) Ethyl Acetate	4.79	43	157330	48.721	ug/l	99
38) Carbon Tetrachloride	5.75	117	197590	49.756	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	217276	51.259	ug/l	97
40) Benzene	6.10	78	559330	50.197	ug/l	99
41) Methacrylonitrile	4.99	41	83133	47.925	ug/l	99
42) 1,2-Dichloroethane	6.15	62	191499	50.359	ug/l	100
43) Isopropyl Acetate	6.40	43	271352	49.616	ug/l	100
44) Trichloroethene	7.18	130	160608	49.425	ug/l	99
45) 1,2-Dichloropropane	7.49	63	134817	50.440	ug/l	100
46) Dibromomethane	7.63	93	98773	48.520	ug/l	99
47) Bromodichloromethane	7.87	83	205150	51.397	ug/l	98
48) Methyl methacrylate	7.74	41	129388	48.015	ug/l	99
49) 1,4-Dioxane	7.73	88	59003	969.070	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	804788	249.727	ug/l	100
52) Toluene	8.76	92	372848	50.661	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	230971	51.243	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	244563	51.381	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	149819	49.936	ug/l	99
56) Ethyl methacrylate	9.16	69	219848	50.933	ug/l	99
57) 1,3-Dichloropropane	9.35	76	240373	50.476	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	537378	236.995	ug/l	99
59) 2-Hexanone	9.47	43	620635	258.427	ug/l	100
60) Dibromochloromethane	9.56	129	168319	51.473	ug/l	100
61) 1,2-Dibromoethane	9.65	107	160202	49.906	ug/l	99
64) Tetrachloroethene	9.32	164	148229	49.306	ug/l	86
65) Chlorobenzene	10.12	112	408976	49.379	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	151367	51.404	ug/l	100
67) Ethyl Benzene	10.23	91	723278	50.661	ug/l	99
68) m/p-Xylenes	10.34	106	561571	102.683	ug/l	99
69) o-Xylene	10.68	106	265107	50.649	ug/l	100
70) Styrene	10.70	104	450620	50.708	ug/l	99
71) Bromoform	10.84	173	124598	52.415	ug/l #	99
73) Isopropylbenzene	11.00	105	720409	49.061	ug/l	100
74) N-amyl acetate	10.88	43	230227	48.936	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	216006	48.830	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	203491m	49.878	ug/l	
77) Bromobenzene	11.24	156	177000	47.729	ug/l	99
78) n-propylbenzene	11.34	91	821707	49.385	ug/l	100
79) 2-Chlorotoluene	11.40	91	476734	49.113	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	602725	49.706	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	79215	49.469	ug/l	95
82) 4-Chlorotoluene	11.49	91	563941	48.827	ug/l	99
83) tert-Butylbenzene	11.76	119	599122	50.156	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	610572	50.286	ug/l	99
85) sec-Butylbenzene	11.93	105	724654	50.132	ug/l	100
86) p-Isopropyltoluene	12.05	119	667111	50.509	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	332067	48.813	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	337094	48.286	ug/l	99
89) n-Butylbenzene	12.37	91	622216	51.467	ug/l	99
90) Hexachloroethane	12.58	117	107773	53.301	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	308246	48.599	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	48431	48.081	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	220260	47.466	ug/l	97
94) Hexachlorobutadiene	13.77	225	106571	49.537	ug/l	97
95) Naphthalene	13.82	128	704178	48.231	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	216051	47.833	ug/l	98

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

