

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019594.D
 Acq On : 24 Nov 2020 09:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 10:31:00 AM

Quant Time: Nov 25 04:35:15 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	273317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	455202	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	417428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203004	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	170174	48.02	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.04%
35) Dibromofluoromethane	5.46	113	138656	48.53	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.06%
50) Toluene-d8	8.70	98	519260	46.77	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.54%
62) 4-Bromofluorobenzene	11.12	95	196156	49.10	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	118726	44.669	ug/l 98
3) Chloromethane	1.31	50	132585	43.471	ug/l 97
4) Vinyl Chloride	1.39	62	143178	43.609	ug/l 99
5) Bromomethane	1.62	94	58500	47.041	ug/l 99
6) Chloroethane	1.70	64	53177	68.010	ug/l 97
7) Trichlorofluoromethane	1.90	101	207023	43.687	ug/l 99
8) Diethyl Ether	2.17	74	94763	49.932	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	119341	45.142	ug/l 99
10) Methyl Iodide	2.48	142	171559	49.397	ug/l 100
11) Tert butyl alcohol	3.04	59	173485	258.677	ug/l 100
12) 1,1-Dichloroethene	2.35	96	119410	44.006	ug/l 97
13) Acrolein	2.27	56	90314	200.334	ug/l 99
14) Allyl chloride	2.70	41	195024	45.879	ug/l 99
15) Acrylonitrile	3.12	53	400300	253.089	ug/l 100
16) Acetone	2.42	43	388962	283.821	ug/l 99
17) Carbon Disulfide	2.54	76	304283	41.741	ug/l 100
18) Methyl Acetate	2.75	43	165273	49.196	ug/l 98
19) Methyl tert-butyl Ether	3.17	73	493730	52.713	ug/l 98
20) Methylene Chloride	2.83	84	158808	46.363	ug/l 97
21) trans-1,2-Dichloroethene	3.14	96	141494	46.024	ug/l 99
22) Diisopropyl ether	3.82	45	442753	50.349	ug/l 93
23) Vinyl Acetate	3.78	43	1946006	263.827	ug/l 99
24) 1,1-Dichloroethane	3.66	63	255946	47.585	ug/l 99
25) 2-Butanone	4.64	43	559403	271.730	ug/l 98
26) 2,2-Dichloropropane	4.54	77	220667	47.002	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	174952	49.541	ug/l 100
28) Bromochloromethane	4.97	49	117884	45.841	ug/l 97
29) Tetrahydrofuran	5.09	42	325545	247.840	ug/l 99
30) Chloroform	5.17	83	274480	48.803	ug/l 98
31) Cyclohexane	5.54	56	205054	44.489	ug/l 98
32) 1,1,1-Trichloroethane	5.45	97	225748	46.727	ug/l 100
36) 1,1-Dichloropropene	5.76	75	189578	44.423	ug/l 98
37) Ethyl Acetate	4.79	43	202574	50.563	ug/l 99
38) Carbon Tetrachloride	5.74	117	189296	45.827	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	222445	44.767	ug/l	99
40) Benzene	6.10	78	613116	46.760	ug/l	99
41) Methacrylonitrile	5.00	41	111940	50.668	ug/l	99
42) 1,2-Dichloroethane	6.15	62	223286	49.683	ug/l	100
43) Isopropyl Acetate	6.41	43	338330	50.237	ug/l	100
44) Trichloroethene	7.18	130	160826	46.826	ug/l	94
45) 1,2-Dichloropropane	7.48	63	158254	49.027	ug/l	99
46) Dibromomethane	7.63	93	111222	50.343	ug/l	99
47) Bromodichloromethane	7.87	83	219612	51.227	ug/l	97
48) Methyl methacrylate	7.74	41	165765	52.557	ug/l	100
49) 1,4-Dioxane	7.71	88	75939	1060.410	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1001687	255.066	ug/l	100
52) Toluene	8.76	92	391913	48.859	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	249161	53.816	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	270342	52.616	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	165358	50.618	ug/l	99
56) Ethyl methacrylate	9.16	69	252690	54.665	ug/l	99
57) 1,3-Dichloropropane	9.35	76	278786	50.973	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	662744	244.684	ug/l	99
59) 2-Hexanone	9.47	43	784928	263.535	ug/l	99
60) Dibromochloromethane	9.56	129	167778	52.434	ug/l	99
61) 1,2-Dibromoethane	9.65	107	173465	51.514	ug/l	97
64) Tetrachloroethene	9.32	164	134567	41.012	ug/l	98
65) Chlorobenzene	10.12	112	417808	48.682	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	156898	50.259	ug/l	98
67) Ethyl Benzene	10.23	91	728569	48.458	ug/l	97
68) m/p-Xylenes	10.34	106	549960	98.181	ug/l	99
69) o-Xylene	10.68	106	266921	49.849	ug/l	100
70) Styrene	10.70	104	461960	46.719	ug/l	100
71) Bromoform	10.84	173	118142	45.059	ug/l #	99
73) Isopropylbenzene	11.00	105	694903	49.483	ug/l	99
74) N-amyl acetate	10.88	43	287307	54.597	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	249382	49.658	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	225693m	50.944	ug/l	
77) Bromobenzene	11.24	156	181049	50.501	ug/l	98
78) n-propylbenzene	11.34	91	782120	48.547	ug/l	100
79) 2-Chlorotoluene	11.40	91	485547	49.696	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	581915	49.396	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	80885	49.370	ug/l	100
82) 4-Chlorotoluene	11.49	91	573785	49.887	ug/l	100
83) tert-Butylbenzene	11.76	119	571141	50.112	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	598607	50.220	ug/l	98
85) sec-Butylbenzene	11.93	105	642580	47.392	ug/l	100
86) p-Isopropyltoluene	12.05	119	597813	48.562	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	323422	49.123	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	327724	48.324	ug/l	99
89) n-Butylbenzene	12.37	91	522560	46.954	ug/l	98
90) Hexachloroethane	12.58	117	99323	48.216	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	323926	48.986	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51768	50.528	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	216317	50.953	ug/l	98
94) Hexachlorobutadiene	13.76	225	83817	43.339	ug/l	98
95) Naphthalene	13.82	128	721598	48.270	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	214970	50.622	ug/l	99

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

