

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016964.D
 Acq On : 25 Jun 2020 20:00
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:32:23 PM

Quant Time: Jun 26 08:29:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:15:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	214324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	360947	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	332195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	169712	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	151460	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
35) Dibromofluoromethane	5.47	113	112057	55.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.70%	
50) Toluene-d8	8.70	98	423612	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.12	95	162202	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	97746	43.138	ug/l 100
3) Chloromethane	1.31	50	132522	53.984	ug/l 100
4) Vinyl Chloride	1.39	62	132855	44.092	ug/l 100
5) Bromomethane	1.62	94	97689	78.250	ug/l 100
6) Chloroethane	1.71	64	86918	47.299	ug/l 100
7) Trichlorofluoromethane	1.92	101	223973	59.517	ug/l 100
8) Diethyl Ether	2.17	74	79264	46.240	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	117203	50.690	ug/l 100
10) Methyl Iodide	2.49	142	147831	58.317	ug/l 100
11) Tert butyl alcohol	3.01	59	148724	231.359	ug/l 100
12) 1,1-Dichloroethene	2.36	96	118805	49.332	ug/l 100
13) Acrolein	2.27	56	113162	271.431	ug/l 100
14) Allyl chloride	2.71	41	220770	51.314	ug/l 100
15) Acrylonitrile	3.12	53	347055	246.637	ug/l 100
16) Acetone	2.42	43	306996	266.732	ug/l 100
17) Carbon Disulfide	2.55	76	359723	48.743	ug/l 100
18) Methyl Acetate	2.75	43	148955	44.436	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	416878	48.459	ug/l 100
20) Methylene Chloride	2.83	84	135050	48.452	ug/l 100
21) trans-1,2-Dichloroethene	3.14	96	129439	48.245	ug/l 100
22) Diisopropyl ether	3.82	45	438593	51.610	ug/l 100
23) Vinyl Acetate	3.79	43	1964349	279.649	ug/l 100
24) 1,1-Dichloroethane	3.67	63	238414	49.461	ug/l 100
25) 2-Butanone	4.64	43	482417	260.387	ug/l 100
26) 2,2-Dichloropropane	4.55	77	195279	46.443	ug/l 100
27) cis-1,2-Dichloroethene	4.57	96	141267	46.689	ug/l 100
28) Bromochloromethane	4.98	49	103559	48.544	ug/l 100
29) Tetrahydrofuran	5.09	42	323562	263.867	ug/l 100
30) Chloroform	5.18	83	240683	50.377	ug/l 100
31) Cyclohexane	5.55	56	208503	46.706	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	219884	50.961	ug/l 100
36) 1,1-Dichloropropene	5.77	75	180766	52.123	ug/l 100
37) Ethyl Acetate	4.80	43	197069	55.795	ug/l 100
38) Carbon Tetrachloride	5.75	117	194372	59.629	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	202857	48.905	ug/l	100
40) Benzene	6.12	78	518492	51.390	ug/l	100
41) Methacrylonitrile	5.01	41	105028	52.807	ug/l	100
42) 1,2-Dichloroethane	6.17	62	204480	56.614	ug/l	100
43) Isopropyl Acetate	6.42	43	327341	56.472	ug/l	100
44) Trichloroethene	7.19	130	136283	44.844	ug/l	100
45) 1,2-Dichloropropane	7.49	63	135836	52.414	ug/l	100
46) Dibromomethane	7.64	93	92273	53.122	ug/l	100
47) Bromodichloromethane	7.88	83	195370	54.906	ug/l	100
48) Methyl methacrylate	7.74	41	157049	55.160	ug/l	100
49) 1,4-Dioxane	7.71	88	62113	998.552	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	964269	283.974	ug/l	100
52) Toluene	8.77	92	326900	51.198	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	214354	50.845	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	225060	51.060	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	128797	50.469	ug/l	100
56) Ethyl methacrylate	9.16	69	206051	50.415	ug/l	100
57) 1,3-Dichloropropane	9.35	76	224281	51.377	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	526835	259.178	ug/l	100
59) 2-Hexanone	9.47	43	729512	283.324	ug/l	100
60) Dibromochloromethane	9.57	129	150480	58.049	ug/l	100
61) 1,2-Dibromoethane	9.65	107	140659	53.017	ug/l	100
64) Tetrachloroethene	9.32	164	116839	37.289	ug/l	100
65) Chlorobenzene	10.12	112	344063	52.015	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	132130	55.719	ug/l	100
67) Ethyl Benzene	10.23	91	630880	51.759	ug/l	100
68) m/p-Xylenes	10.34	106	473990	105.861	ug/l	100
69) o-Xylene	10.68	106	224396	51.543	ug/l	100
70) Styrene	10.70	104	391006	52.186	ug/l	100
71) Bromoform	10.84	173	110087	66.351	ug/l #	100
73) Isopropylbenzene	11.00	105	610559	48.899	ug/l	100
74) N-amyl acetate	10.88	43	295999	53.641	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	195384	65.013	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	188542m	51.786	ug/l	
77) Bromobenzene	11.24	156	149334	51.799	ug/l	100
78) n-propylbenzene	11.34	91	720050	48.778	ug/l	100
79) 2-Chlorotoluene	11.40	91	424262	48.786	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	512682	48.382	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	71739	45.492	ug/l	100
82) 4-Chlorotoluene	11.49	91	505699	48.671	ug/l	100
83) tert-Butylbenzene	11.76	119	493871	53.986	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	524783	48.210	ug/l	100
85) sec-Butylbenzene	11.93	105	592185	48.508	ug/l	100
86) p-Isopropyltoluene	12.05	119	537616	48.237	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	272115	51.331	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	276952	50.811	ug/l	100
89) n-Butylbenzene	12.37	91	498274	47.655	ug/l	100
90) Hexachloroethane	12.58	117	106531	58.736	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	254579	50.023	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44032	48.615	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	168842	51.130	ug/l	100
94) Hexachlorobutadiene	13.76	225	60180	51.594	ug/l	100
95) Naphthalene	13.82	128	569544	48.222	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	160416	51.168	ug/l	100

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

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