

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051920\
 Data File : VX016322.D
 Acq On : 19 May 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
 5/21/2020 1:11:52 PM

Quant Time: May 20 04:06:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	254746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	400379	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	377999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	188568	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	149312	44.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.08%	
35) Dibromofluoromethane	5.46	113	123032	48.50	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	97.00%	
50) Toluene-d8	8.70	98	484986	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
62) 4-Bromofluorobenzene	11.12	95	191594	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	146994	54.515	ug/l	100
3) Chloromethane	1.31	50	145436	46.444	ug/l	99
4) Vinyl Chloride	1.39	62	169465	50.724	ug/l	100
5) Bromomethane	1.62	94	67085	39.829	ug/l	99
6) Chloroethane	1.70	64	100292	49.337	ug/l	100
7) Trichlorofluoromethane	1.92	101	225492	51.410	ug/l	98
8) Diethyl Ether	2.17	74	91429	49.473	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	129930	51.345	ug/l	99
10) Methyl Iodide	2.49	142	100730	29.634	ug/l	99
11) Tert butyl alcohol	3.01	59	180312	212.711	ug/l	100
12) 1,1-Dichloroethene	2.36	96	128795	48.637	ug/l	97
13) Acrolein	2.27	56	156440	294.918	ug/l	99
14) Allyl chloride	2.70	41	225284	46.398	ug/l	95
15) Acrylonitrile	3.11	53	427679	243.203	ug/l	99
16) Acetone	2.42	43	352150	235.439	ug/l	95
17) Carbon Disulfide	2.55	76	359077	45.133	ug/l	99
18) Methyl Acetate	2.75	43	183127	49.795	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	481758	52.773	ug/l	99
20) Methylene Chloride	2.83	84	150653	48.859	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	146838	49.759	ug/l	94
22) Diisopropyl ether	3.82	45	462136	50.451	ug/l	90
23) Vinyl Acetate	3.78	43	1990151	246.951	ug/l	100
24) 1,1-Dichloroethane	3.67	63	265341	51.783	ug/l	98
25) 2-Butanone	4.63	43	556360	230.835	ug/l	96
26) 2,2-Dichloropropane	4.55	77	241966	51.706	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	168858	52.341	ug/l	96
28) Bromochloromethane	4.98	49	108675	46.511	ug/l	93
29) Tetrahydrofuran	5.09	42	368080	230.481	ug/l	96
30) Chloroform	5.17	83	266847	52.303	ug/l	99
31) Cyclohexane	5.54	56	221280	47.517	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	243069	52.413	ug/l	98
36) 1,1-Dichloropropene	5.77	75	204833	51.973	ug/l	99
37) Ethyl Acetate	4.79	43	217042	47.514	ug/l	98
38) Carbon Tetrachloride	5.75	117	213190	53.219	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	204156	43.014	ug/l	98
40) Benzene	6.11	78	616401	53.453	ug/l	100
41) Methacrylonitrile	5.00	41	122690	49.734	ug/l	98
42) 1,2-Dichloroethane	6.16	62	209175	50.354	ug/l	98
43) Isopropyl Acetate	6.41	43	355163	48.731	ug/l	97
44) Trichloroethene	7.19	130	201986	49.304	ug/l	97
45) 1,2-Dichloropropane	7.49	63	160264	54.924	ug/l	100
46) Dibromomethane	7.63	93	104578	52.739	ug/l	99
47) Bromodichloromethane	7.87	83	221744	54.907	ug/l	100
48) Methyl methacrylate	7.74	41	169619	49.115	ug/l	94
49) 1,4-Dioxane	7.71	88	72593	876.438	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1120239	251.174	ug/l	96
52) Toluene	8.76	92	398707	55.469	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	262533	54.522	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	275276	54.732	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	159470	56.390	ug/l	99
56) Ethyl methacrylate	9.16	69	256478	55.561	ug/l	92
57) 1,3-Dichloropropane	9.35	76	272139	55.150	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	634747	258.288	ug/l	98
59) 2-Hexanone	9.47	43	878112	250.707	ug/l	95
60) Dibromochloromethane	9.57	129	180143	57.838	ug/l	99
61) 1,2-Dibromoethane	9.65	107	167811	54.783	ug/l	99
64) Tetrachloroethene	9.32	164	225860	48.672	ug/l	99
65) Chlorobenzene	10.12	112	427142	53.967	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	160566	54.886	ug/l	100
67) Ethyl Benzene	10.23	91	760114	53.824	ug/l	99
68) m/p-Xylenes	10.34	106	577461	109.140	ug/l	99
69) o-Xylene	10.68	106	277029	54.470	ug/l	99
70) Styrene	10.70	104	489673	56.752	ug/l	99
71) Bromoform	10.84	173	136285	57.181	ug/l #	100
73) Isopropylbenzene	11.00	105	724122	52.796	ug/l	99
74) N-amyl acetate	10.88	43	316613	49.491	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	171211	61.717	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	226621m	52.961	ug/l	
77) Bromobenzene	11.24	156	185097	52.285	ug/l	99
78) n-propylbenzene	11.34	91	817394	51.229	ug/l	99
79) 2-Chlorotoluene	11.40	91	499182	53.002	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	604693	52.218	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	93931	52.312	ug/l #	91
82) 4-Chlorotoluene	11.49	91	598199	53.786	ug/l	99
83) tert-Butylbenzene	11.76	119	497590	49.860	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	618367	52.818	ug/l	99
85) sec-Butylbenzene	11.93	105	618948	45.934	ug/l	100
86) p-Isopropyltoluene	12.05	119	591786	47.303	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	329850	51.892	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	340721	52.811	ug/l	100
89) n-Butylbenzene	12.37	91	495189	43.327	ug/l	99
90) Hexachloroethane	12.58	117	101191	47.097	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	319000	52.119	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	54550	48.370	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	209884	46.317	ug/l	99
94) Hexachlorobutadiene	13.77	225	72049	37.061	ug/l	99
95) Naphthalene	13.82	128	734883	50.084	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	203002	45.838	ug/l	99

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

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