

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060520\
 Data File : VX016625.D
 Acq On : 05 Jun 2020 20:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/8/2020 4:55:44 PM

Quant Time: Jun 06 07:21:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	221813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	341886	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	324998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	174055	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	133749	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
35) Dibromofluoromethane	5.46	113	107020	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
50) Toluene-d8	8.70	98	409665	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.12	95	160342	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	100743	46.151	ug/l	98
3) Chloromethane	1.31	50	109855	41.645	ug/l	100
4) Vinyl Chloride	1.39	62	125093	44.841	ug/l	100
5) Bromomethane	1.62	94	63537	46.842	ug/l	98
6) Chloroethane	1.70	64	77038	47.341	ug/l	97
7) Trichlorofluoromethane	1.91	101	189970	51.853	ug/l	100
8) Diethyl Ether	2.17	74	72705	47.592	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.36	101	99712	49.452	ug/l	97
10) Methyl Iodide	2.49	142	95383	40.230	ug/l	99
11) Tert butyl alcohol	3.02	59	157025	222.298	ug/l	100
12) 1,1-Dichloroethene	2.36	96	102562	48.054	ug/l	96
13) Acrolein	2.27	56	86495	287.854	ug/l	96
14) Allyl chloride	2.70	41	170771	43.507	ug/l	97
15) Acrylonitrile	3.12	53	335251	231.693	ug/l	99
16) Acetone	2.42	43	277068	229.576	ug/l	99
17) Carbon Disulfide	2.55	76	272719	43.028	ug/l	100
18) Methyl Acetate	2.75	43	146218	47.237	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	375703	49.021	ug/l	99
20) Methylene Chloride	2.83	84	119299	47.778	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	113775	48.193	ug/l	92
22) Diisopropyl ether	3.82	45	339021	44.961	ug/l	98
23) Vinyl Acetate	3.78	43	1501344	227.474	ug/l	97
24) 1,1-Dichloroethane	3.67	63	204963	48.160	ug/l	99
25) 2-Butanone	4.64	43	454009	222.011	ug/l	94
26) 2,2-Dichloropropane	4.55	77	164672	47.286	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	129703	47.490	ug/l	98
28) Bromochloromethane	4.98	49	87744	44.367	ug/l	88
29) Tetrahydrofuran	5.09	42	292352	221.284	ug/l	94
30) Chloroform	5.18	83	211212	49.254	ug/l	99
31) Cyclohexane	5.55	56	160560	41.935	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	197034	50.752	ug/l	99
36) 1,1-Dichloropropene	5.77	75	152609	47.145	ug/l	97
37) Ethyl Acetate	4.79	43	168784	43.430	ug/l	97
38) Carbon Tetrachloride	5.76	117	178066	52.345	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	163340	46.457	ug/l	97
40) Benzene	6.11	78	465207	48.260	ug/l	98
41) Methacrylonitrile	5.01	41	94095	44.079	ug/l	97
42) 1,2-Dichloroethane	6.16	62	169567	49.464	ug/l	100
43) Isopropyl Acetate	6.42	43	270612	44.641	ug/l	98
44) Trichloroethene	7.19	130	146274	47.826	ug/l	97
45) 1,2-Dichloropropane	7.49	63	115952	47.249	ug/l	98
46) Dibromomethane	7.64	93	82655	50.145	ug/l	97
47) Bromodichloromethane	7.88	83	173344	50.790	ug/l	98
48) Methyl methacrylate	7.74	41	131271	45.227	ug/l	96
49) 1,4-Dioxane	7.71	88	61213	901.187	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	871679	230.937	ug/l	98
52) Toluene	8.77	92	301336	49.572	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	191445	49.330	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	202501	49.297	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	122199	50.560	ug/l	98
56) Ethyl methacrylate	9.16	69	192312	48.857	ug/l	96
57) 1,3-Dichloropropane	9.35	76	205164	49.455	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	497651	242.219	ug/l	95
59) 2-Hexanone	9.48	43	680878	231.962	ug/l	98
60) Dibromochloromethane	9.57	129	145592	53.529	ug/l	100
61) 1,2-Dibromoethane	9.65	107	132532	51.207	ug/l	100
64) Tetrachloroethene	9.32	164	166806	45.876	ug/l	93
65) Chlorobenzene	10.12	112	328940	49.645	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	130746	51.694	ug/l	97
67) Ethyl Benzene	10.24	91	571681	48.461	ug/l	98
68) m/p-Xylenes	10.34	106	437471	100.018	ug/l	100
69) o-Xylene	10.68	106	209078	49.358	ug/l	98
70) Styrene	10.70	104	374097	51.380	ug/l	99
71) Bromoform	10.84	173	114986	53.793	ug/l #	98
73) Isopropylbenzene	11.01	105	557621	46.238	ug/l	100
74) N-amyl acetate	10.88	43	229887	41.442	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	154237	51.030	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	175278m	45.815	ug/l	
77) Bromobenzene	11.24	156	151017	47.744	ug/l	96
78) n-propylbenzene	11.34	91	625036	46.390	ug/l	99
79) 2-Chlorotoluene	11.40	91	382730	46.537	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	481405	47.807	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	66853	42.984	ug/l	99
82) 4-Chlorotoluene	11.49	91	457482	47.105	ug/l	100
83) tert-Butylbenzene	11.76	119	423326	49.200	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	491376	48.251	ug/l	100
85) sec-Butylbenzene	11.93	105	516680	47.869	ug/l	100
86) p-Isopropyltoluene	12.05	119	494624	48.920	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	262947	47.983	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	264494	47.192	ug/l	99
89) n-Butylbenzene	12.37	91	405936	48.201	ug/l	99
90) Hexachloroethane	12.58	117	86683	49.634	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	257190	48.442	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	45038	46.004	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	172508	48.923	ug/l	99
94) Hexachlorobutadiene	13.77	225	73510	53.098	ug/l	97
95) Naphthalene	13.82	128	579129	47.910	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	174620	50.549	ug/l	97

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

