

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050720\
 Data File : VX016107.D
 Acq On : 07 May 2020 20:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 11:51:17 AM

Quant Time: May 08 04:38:35 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	291345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	473240	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	444014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	223751	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	196204	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
35) Dibromofluoromethane	5.47	113	152427	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
50) Toluene-d8	8.70	98	596137	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
62) 4-Bromofluorobenzene	11.12	95	229924	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	151093	48.996	ug/l	99
3) Chloromethane	1.31	50	164494	45.931	ug/l	100
4) Vinyl Chloride	1.39	62	177134	46.359	ug/l	100
5) Bromomethane	1.62	94	86722	45.020	ug/l	99
6) Chloroethane	1.70	64	108651	46.735	ug/l	100
7) Trichlorofluoromethane	1.91	101	234021	46.652	ug/l	100
8) Diethyl Ether	2.17	74	96187	45.509	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	136457	47.150	ug/l	99
10) Methyl Iodide	2.49	142	180537	46.441	ug/l	99
11) Tert butyl alcohol	3.02	59	230297	237.549	ug/l	100
12) 1,1-Dichloroethene	2.36	96	142002	46.888	ug/l	98
13) Acrolein	2.27	56	120460	198.562	ug/l	100
14) Allyl chloride	2.71	41	262742	47.315	ug/l	97
15) Acrylonitrile	3.12	53	490413	243.845	ug/l	99
16) Acetone	2.42	43	397800	232.549	ug/l	95
17) Carbon Disulfide	2.55	76	422526	46.443	ug/l	100
18) Methyl Acetate	2.75	43	205429	48.842	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	513452	49.180	ug/l	99
20) Methylene Chloride	2.84	84	162772	46.158	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	155630	46.113	ug/l	99
22) Diisopropyl ether	3.82	45	505819	48.283	ug/l	100
23) Vinyl Acetate	3.79	43	2272999	246.617	ug/l	100
24) 1,1-Dichloroethane	3.67	63	285603	48.735	ug/l	99
25) 2-Butanone	4.64	43	674477	244.688	ug/l	100
26) 2,2-Dichloropropane	4.55	77	228646	42.722	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	178371	48.344	ug/l	98
28) Bromochloromethane	4.98	49	126303	47.265	ug/l	99
29) Tetrahydrofuran	5.09	42	443441	242.789	ug/l	100
30) Chloroform	5.18	83	283443	48.577	ug/l	99
31) Cyclohexane	5.55	56	257921	48.427	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	255145	48.106	ug/l	99
36) 1,1-Dichloropropene	5.77	75	217132	46.611	ug/l	98
37) Ethyl Acetate	4.79	43	257550	47.701	ug/l	99
38) Carbon Tetrachloride	5.76	117	225147	47.550	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	260019	46.349	ug/l	99
40) Benzene	6.12	78	648823	47.602	ug/l	99
41) Methacrylonitrile	5.01	41	141956	48.684	ug/l	99
42) 1,2-Dichloroethane	6.17	62	229427	46.726	ug/l	100
43) Isopropyl Acetate	6.42	43	412675	47.904	ug/l	100
44) Trichloroethene	7.19	130	213956	44.185	ug/l	98
45) 1,2-Dichloropropane	7.49	63	168278	48.792	ug/l	99
46) Dibromomethane	7.64	93	111262	47.471	ug/l	99
47) Bromodichloromethane	7.88	83	232095	48.622	ug/l	99
48) Methyl methacrylate	7.75	41	196611	48.165	ug/l	98
49) 1,4-Dioxane	7.71	88	93169	951.673	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1293060	245.286	ug/l	99
52) Toluene	8.77	92	411543	48.440	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	268523	47.180	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	281224	47.306	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	163879	49.027	ug/l	98
56) Ethyl methacrylate	9.16	69	274964	50.395	ug/l	98
57) 1,3-Dichloropropane	9.35	76	282761	48.480	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	722117	248.600	ug/l	100
59) 2-Hexanone	9.48	43	1015816	245.370	ug/l	99
60) Dibromochloromethane	9.57	129	183500	49.845	ug/l	100
61) 1,2-Dibromoethane	9.66	107	176023	48.617	ug/l	100
64) Tetrachloroethene	9.32	164	245716	45.079	ug/l	96
65) Chlorobenzene	10.12	112	432710	46.542	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	165279	48.098	ug/l	99
67) Ethyl Benzene	10.24	91	777737	46.884	ug/l	100
68) m/p-Xylenes	10.34	106	594551	95.663	ug/l	100
69) o-Xylene	10.68	106	289091	48.390	ug/l	98
70) Styrene	10.69	104	493583	48.700	ug/l	100
71) Bromoform	10.84	173	138564	49.493	ug/l #	99
73) Isopropylbenzene	11.01	105	768830	47.242	ug/l	99
74) N-amyl acetate	10.88	43	357906	47.148	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	170803	53.032	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	239484m	47.166	ug/l	
77) Bromobenzene	11.24	156	193899	46.159	ug/l	99
78) n-propylbenzene	11.35	91	886767	46.838	ug/l	100
79) 2-Chlorotoluene	11.41	91	523652	46.857	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	644691	46.918	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	99051	46.489	ug/l	99
82) 4-Chlorotoluene	11.49	91	616621	46.725	ug/l	100
83) tert-Butylbenzene	11.76	119	566398	47.830	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	659755	47.492	ug/l	98
85) sec-Butylbenzene	11.93	105	743101	46.477	ug/l	99
86) p-Isopropyltoluene	12.05	119	697236	46.969	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	339368	44.994	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	346286	45.234	ug/l	99
89) n-Butylbenzene	12.37	91	620906	45.785	ug/l	100
90) Hexachloroethane	12.58	117	123361	48.388	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	333930	45.979	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	62008	46.337	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	246658	45.873	ug/l	98
94) Hexachlorobutadiene	13.77	225	107447	46.444	ug/l	99
95) Naphthalene	13.82	128	827323	47.518	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	243665	46.368	ug/l	99

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

