

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060419\
 Data File : VX010051.D
 Acq On : 04 Jun 2019 10:25
 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
 6/5/2019 9:26:26 AM

Quant Time: Jun 05 07:26:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	171651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	261529	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	239572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123003	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	115466	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
35) Dibromofluoromethane	5.49	113	84955	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
50) Toluene-d8	8.71	98	345837	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
62) 4-Bromofluorobenzene	11.13	95	128823	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	107863	51.424	ug/l	98
3) Chloromethane	1.32	50	115826	41.075	ug/l	99
4) Vinyl Chloride	1.41	62	109189	42.954	ug/l	99
5) Bromomethane	1.64	94	61615	40.006	ug/l	97
6) Chloroethane	1.71	64	63430	40.535	ug/l	96
7) Trichlorofluoromethane	1.92	101	128777	45.844	ug/l	100
8) Diethyl Ether	2.19	74	55620	42.135	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	79698	46.993	ug/l	97
10) Methyl Iodide	2.51	142	94697	45.550	ug/l	99
11) Tert butyl alcohol	3.05	59	125118	209.676	ug/l	100
12) 1,1-Dichloroethene	2.37	96	77265	44.447	ug/l	97
13) Acrolein	2.29	56	92403	221.121	ug/l	99
14) Allyl chloride	2.73	41	194695	46.081	ug/l	99
15) Acrylonitrile	3.14	53	307021	213.537	ug/l	99
16) Acetone	2.44	43	315726	225.366	ug/l	100
17) Carbon Disulfide	2.57	76	230727	43.881	ug/l	99
18) Methyl Acetate	2.77	43	147420	45.224	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	306092	46.639	ug/l	100
20) Methylene Chloride	2.85	84	95979	44.738	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	87174	45.069	ug/l	97
22) Diisopropyl ether	3.85	45	369039	45.906	ug/l	87
23) Vinyl Acetate	3.81	43	1640269	227.125	ug/l	99
24) 1,1-Dichloroethane	3.70	63	178802	45.895	ug/l	99
25) 2-Butanone	4.67	43	477810	218.912	ug/l	99
26) 2,2-Dichloropropane	4.58	77	140844	47.791	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	101109	45.285	ug/l	97
28) Bromochloromethane	5.01	49	91209	45.115	ug/l	97
29) Tetrahydrofuran	5.12	42	300130	214.432	ug/l	99
30) Chloroform	5.21	83	164749	46.890	ug/l	99
31) Cyclohexane	5.57	56	174621	47.324	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	140064	48.949	ug/l	99
36) 1,1-Dichloropropene	5.79	75	128433	48.401	ug/l	99
37) Ethyl Acetate	4.83	43	172377	46.622	ug/l	99
38) Carbon Tetrachloride	5.78	117	118339	51.609	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	164014	52.109	ug/l	99
40) Benzene	6.14	78	388929	49.410	ug/l	99
41) Methacrylonitrile	5.04	41	98824	45.742	ug/l	99
42) 1,2-Dichloroethane	6.19	62	141607	48.661	ug/l	100
43) Isopropyl Acetate	6.44	43	281224	47.139	ug/l	100
44) Trichloroethene	7.21	130	94476	49.412	ug/l	95
45) 1,2-Dichloropropane	7.51	63	109096	48.146	ug/l	98
46) Dibromomethane	7.66	93	62731	47.032	ug/l	97
47) Bromodichloromethane	7.89	83	129546	51.076	ug/l	99
48) Methyl methacrylate	7.77	41	143485	48.585	ug/l	99
49) 1,4-Dioxane	7.74	88	51602	939.345	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	927847	239.084	ug/l	100
52) Toluene	8.78	92	237079	49.605	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	153880	50.587	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	167489	50.536	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	94933	49.352	ug/l	98
56) Ethyl methacrylate	9.18	69	175377	51.211	ug/l	100
57) 1,3-Dichloropropane	9.37	76	167277	48.422	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	405637	225.883	ug/l	99
59) 2-Hexanone	9.49	43	733204	245.393	ug/l	100
60) Dibromochloromethane	9.58	129	99409	52.535	ug/l	100
61) 1,2-Dibromoethane	9.67	107	98920	50.055	ug/l	100
64) Tetrachloroethene	9.34	164	87403	52.231	ug/l	95
65) Chlorobenzene	10.13	112	250556	49.957	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	90771	52.180	ug/l	99
67) Ethyl Benzene	10.25	91	467390	51.901	ug/l	99
68) m/p-Xylenes	10.35	106	345913	103.975	ug/l	98
69) o-Xylene	10.69	106	166656	52.233	ug/l	98
70) Styrene	10.71	104	297727	53.215	ug/l	99
71) Bromoform	10.85	173	78133	54.948	ug/l #	97
73) Isopropylbenzene	11.02	105	452944	49.909	ug/l	99
74) N-amyl acetate	10.90	43	258707	47.705	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	156796	46.310	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	142311m	48.382	ug/l	
77) Bromobenzene	11.25	156	113155	48.925	ug/l	96
78) n-propylbenzene	11.36	91	533180	50.969	ug/l	100
79) 2-Chlorotoluene	11.42	91	313335	49.025	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	387307	50.657	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	57038	47.978	ug/l	98
82) 4-Chlorotoluene	11.51	91	366037	49.197	ug/l	98
83) tert-Butylbenzene	11.77	119	373473	51.058	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	388448	50.028	ug/l	99
85) sec-Butylbenzene	11.94	105	451160	51.845	ug/l	100
86) p-Isopropyltoluene	12.06	119	413195	52.789	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	205399	49.883	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	204659	48.736	ug/l	98
89) n-Butylbenzene	12.38	91	387248	52.644	ug/l	99
90) Hexachloroethane	12.59	117	70073	52.166	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	201128	49.543	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35562	44.622	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	150455	51.861	ug/l	100
94) Hexachlorobutadiene	13.78	225	77493	53.255	ug/l	100
95) Naphthalene	13.83	128	449275	49.764	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	146889	50.582	ug/l	99

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

