

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071119\
 Data File : VX010794.D
 Acq On : 11 Jul 2019 09:48
 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
 7/12/2019 12:22:07 PM

Quant Time: Jul 12 07:02:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	233801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	338344	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	313587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	164002	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	100801	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	
35) Dibromofluoromethane	5.49	113	99344	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
50) Toluene-d8	8.71	98	358447	45.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.52%	
62) 4-Bromofluorobenzene	11.13	95	134047	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	89818	55.257	ug/l	99
3) Chloromethane	1.32	50	90362	47.741	ug/l	99
4) Vinyl Chloride	1.41	62	99139	47.821	ug/l	99
5) Bromomethane	1.64	94	53643	53.113	ug/l	97
6) Chloroethane	1.71	64	63773	52.140	ug/l	99
7) Trichlorofluoromethane	1.92	101	172288	52.425	ug/l	100
8) Diethyl Ether	2.19	74	59930	50.851	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	102983	51.710	ug/l	98
10) Methyl Iodide	2.51	142	133379	46.927	ug/l	97
11) Tert butyl alcohol	3.05	59	111993	195.244	ug/l	99
12) 1,1-Dichloroethene	2.37	96	97767	48.243	ug/l	99
13) Acrolein	2.29	56	71154	186.994	ug/l	98
14) Allyl chloride	2.73	41	140896	48.972	ug/l	98
15) Acrylonitrile	3.14	53	275835	242.882	ug/l	99
16) Acetone	2.45	43	294889	268.417	ug/l	98
17) Carbon Disulfide	2.57	76	238073	43.788	ug/l	100
18) Methyl Acetate	2.77	43	108105	49.372	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	310582	48.716	ug/l	99
20) Methylene Chloride	2.85	84	110533	48.889	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	103858	47.651	ug/l	97
22) Diisopropyl ether	3.85	45	299320	49.759	ug/l	92
23) Vinyl Acetate	3.81	43	1320826	254.170	ug/l	99
24) 1,1-Dichloroethane	3.70	63	170623	49.071	ug/l	99
25) 2-Butanone	4.67	43	404521	251.015	ug/l	99
26) 2,2-Dichloropropane	4.57	77	142660	47.230	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	121127	48.092	ug/l	98
28) Bromochloromethane	5.01	49	72668	43.711	ug/l	96
29) Tetrahydrofuran	5.12	42	236395	236.821	ug/l	99
30) Chloroform	5.21	83	185388	49.554	ug/l	98
31) Cyclohexane	5.57	56	156235	49.342	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	160783	48.672	ug/l	99
36) 1,1-Dichloropropene	5.79	75	135111	50.252	ug/l	98
37) Ethyl Acetate	4.82	43	138059	49.913	ug/l	99
38) Carbon Tetrachloride	5.78	117	143709	49.360	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	178316	50.455	ug/l	94
40) Benzene	6.13	78	416314	49.700	ug/l	99
41) Methacrylonitrile	5.04	41	76814	50.614	ug/l	98
42) 1,2-Dichloroethane	6.19	62	135553	53.162	ug/l	99
43) Isopropyl Acetate	6.44	43	228388	49.907	ug/l	98
44) Trichloroethene	7.21	130	122722	48.962	ug/l	99
45) 1,2-Dichloropropane	7.51	63	104906	49.594	ug/l	98
46) Dibromomethane	7.66	93	76618	50.484	ug/l	97
47) Bromodichloromethane	7.90	83	138800	49.904	ug/l	98
48) Methyl methacrylate	7.76	41	110949	52.159	ug/l	98
49) 1,4-Dioxane	7.74	88	55827	911.061	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	750885	256.553	ug/l	97
52) Toluene	8.78	92	275346	49.916	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	151367	48.542	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	169076	49.895	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	115285	50.675	ug/l	99
56) Ethyl methacrylate	9.18	69	173304	50.287	ug/l	95
57) 1,3-Dichloropropane	9.37	76	179446	50.813	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	372848	227.797	ug/l	99
59) 2-Hexanone	9.49	43	590906	256.524	ug/l	98
60) Dibromochloromethane	9.58	129	125722	49.356	ug/l	100
61) 1,2-Dibromoethane	9.67	107	123186	50.165	ug/l	100
64) Tetrachloroethene	9.34	164	123463	48.677	ug/l	99
65) Chlorobenzene	10.13	112	311315	48.900	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	113114	48.777	ug/l	99
67) Ethyl Benzene	10.25	91	540649	50.303	ug/l	99
68) m/p-Xylenes	10.35	106	416076	99.909	ug/l	98
69) o-Xylene	10.69	106	201682	49.245	ug/l	99
70) Styrene	10.71	104	350107	50.975	ug/l	99
71) Bromoform	10.85	173	94511	46.866	ug/l	100
73) Isopropylbenzene	11.02	105	548695	49.355	ug/l	98
74) N-amyl acetate	10.90	43	208338	49.587	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	173694	47.177	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	145004m	48.520	ug/l	
77) Bromobenzene	11.26	156	146127	47.073	ug/l	98
78) n-propylbenzene	11.36	91	625475	51.191	ug/l	99
79) 2-Chlorotoluene	11.42	91	357257	49.102	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	461894	50.398	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	54610	42.629	ug/l	91
82) 4-Chlorotoluene	11.51	91	419157	50.629	ug/l	100
83) tert-Butylbenzene	11.77	119	451564	49.090	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	466325	50.644	ug/l	100
85) sec-Butylbenzene	11.94	105	547963	50.735	ug/l	99
86) p-Isopropyltoluene	12.06	119	512394	51.290	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	264150	48.748	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	261347	47.375	ug/l	99
89) n-Butylbenzene	12.38	91	447112	52.669	ug/l	99
90) Hexachloroethane	12.60	117	81252	47.037	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	256816	47.687	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35601	44.849	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	181533	48.606	ug/l	99
94) Hexachlorobutadiene	13.78	225	88097	48.264	ug/l	97
95) Naphthalene	13.83	128	538821	46.947	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	180180	48.523	ug/l	100

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

