

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110518\
 Data File : VX005771.D
 Acq On : 05 Nov 2018 11:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 11/6/2018 8:26:51 AM

Quant Time: Nov 06 01:03:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	175283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	281675	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	147141	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	112706	43.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.96%	
35) Dibromofluoromethane	5.51	113	90705	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	
50) Toluene-d8	8.72	98	322395	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
62) 4-Bromofluorobenzene	11.14	95	123240	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	98576	48.682	ug/l	97
3) Chloromethane	1.32	50	108844	45.572	ug/l	98
4) Vinyl Chloride	1.40	62	112372	45.222	ug/l	98
5) Bromomethane	1.64	94	99806	32.369	ug/l	97
6) Chloroethane	1.71	64	71015	44.879	ug/l	91
7) Trichlorofluoromethane	1.93	101	145039	45.473	ug/l	96
8) Diethyl Ether	2.18	74	62874	43.855	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	90429	46.675	ug/l	93
10) Methyl Iodide	2.51	142	95171	50.449	ug/l	98
11) Tert butyl alcohol	3.07	59	145601	209.212	ug/l	99
12) 1,1-Dichloroethene	2.37	96	85353	45.211	ug/l	94
13) Acrolein	2.29	56	67601	141.327	ug/l	100
14) Allyl chloride	2.73	41	175514	44.961	ug/l	96
15) Acrylonitrile	3.15	53	338145	220.955	ug/l	99
16) Acetone	2.45	43	302883	229.078	ug/l	93
17) Carbon Disulfide	2.57	76	243221	41.925	ug/l	99
18) Methyl Acetate	2.78	43	162041	44.059	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	306654	46.926	ug/l	99
20) Methylene Chloride	2.85	84	100042	45.270	ug/l	89
21) trans-1,2-Dichloroethene	3.17	96	90022	45.064	ug/l	90
22) Diisopropyl ether	3.87	45	330747	45.674	ug/l	# 89
23) Vinyl Acetate	3.82	43	1454943	230.672	ug/l	98
24) 1,1-Dichloroethane	3.70	63	183652	44.851	ug/l	97
25) 2-Butanone	4.70	43	458331	212.018	ug/l	97
26) 2,2-Dichloropropane	4.59	77	138375	45.207	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	98978	44.094	ug/l	97
28) Bromochloromethane	5.01	49	90286	45.195	ug/l	96
29) Tetrahydrofuran	5.15	42	286297	216.981	ug/l	92
30) Chloroform	5.21	83	173744	43.399	ug/l	93
31) Cyclohexane	5.57	56	154832	45.218	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	146478	45.718	ug/l	96
36) 1,1-Dichloropropene	5.79	75	131197	43.717	ug/l	99
37) Ethyl Acetate	4.85	43	160333	41.877	ug/l	97
38) Carbon Tetrachloride	5.79	117	122162	45.056	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	151076	48.270	ug/l	87
40) Benzene	6.14	78	394846	44.225	ug/l	99
41) Methacrylonitrile	5.06	41	89056	43.049	ug/l	96
42) 1,2-Dichloroethane	6.19	62	141310	42.820	ug/l	99
43) Isopropyl Acetate	6.46	43	240165	43.218	ug/l	95
44) Trichloroethene	7.21	130	98869	47.881	ug/l	94
45) 1,2-Dichloropropane	7.52	63	108154	47.271	ug/l	96
46) Dibromomethane	7.66	93	68546	46.879	ug/l	89
47) Bromodichloromethane	7.90	83	125158	45.633	ug/l	94
48) Methyl methacrylate	7.78	41	124060	46.126	ug/l	97
49) 1,4-Dioxane	7.75	88	54171	904.500	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	828065	218.537	ug/l	96
52) Toluene	8.79	92	237904	49.264	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	150331	50.577	ug/l	93
54) cis-1,3-Dichloropropene	8.43	75	146428	45.981	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	101839	48.559	ug/l	96
56) Ethyl methacrylate	9.18	69	158416	44.771	ug/l	96
57) 1,3-Dichloropropane	9.37	76	175576	48.737	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	432607	215.447	ug/l	97
59) 2-Hexanone	9.49	43	707051	229.294	ug/l	96
60) Dibromochloromethane	9.58	129	101643	50.156	ug/l	100
61) 1,2-Dibromoethane	9.67	107	107991	50.533	ug/l	97
64) Tetrachloroethene	9.34	164	103651	54.910	ug/l	96
65) Chlorobenzene	10.14	112	263632	48.016	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	92994	49.476	ug/l	98
67) Ethyl Benzene	10.25	91	471598	50.328	ug/l	90
68) m/p-Xylenes	10.36	106	352266	101.170	ug/l	100
69) o-Xylene	10.70	106	158577	47.618	ug/l	96
70) Styrene	10.71	104	260841	47.159	ug/l	96
71) Bromoform	10.86	173	70582	46.347	ug/l #	98
73) Isopropylbenzene	11.02	105	455437	46.916	ug/l	99
74) N-amyl acetate	10.90	43	213862	41.380	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	169852	42.174	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	137604m	37.548	ug/l	
77) Bromobenzene	11.26	156	109014	45.270	ug/l	89
78) n-propylbenzene	11.36	91	569021	48.185	ug/l	97
79) 2-Chlorotoluene	11.42	91	319815	45.343	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	408125	49.515	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	50225	44.280	ug/l	95
82) 4-Chlorotoluene	11.51	91	392345	46.594	ug/l	98
83) tert-Butylbenzene	11.77	119	364056	46.291	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	409964	49.256	ug/l	98
85) sec-Butylbenzene	11.94	105	495093	49.076	ug/l	97
86) p-Isopropyltoluene	12.07	119	450637	52.522	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	226896	48.730	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	239798	47.940	ug/l	96
89) n-Butylbenzene	12.39	91	439992	50.827	ug/l	99
90) Hexachloroethane	12.60	117	72937	47.915	ug/l	80
91) 1,2-Dichlorobenzene	12.39	146	229966	47.275	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	42120	44.590	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	164338	52.674	ug/l	98
94) Hexachlorobutadiene	13.78	225	80247	53.168	ug/l	97
95) Naphthalene	13.83	128	557484	54.334	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	166081	52.289	ug/l	99

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

