

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX060218\
 Data File : VX002251.D
 Acq On : 02 Jun 2018 20:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/4/2018 2:31:54 PM

Quant Time: Jun 04 07:48:19 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	171100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	270304	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	265994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	179539	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	165710	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	
35) Dibromofluoromethane	5.51	113	125885	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	
50) Toluene-d8	8.72	98	463417	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
62) 4-Bromofluorobenzene	11.14	95	184303	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59868	27.025	ug/l	98
3) Chloromethane	1.32	50	120770	45.876	ug/l	100
4) Vinyl Chloride	1.41	62	115540	45.454	ug/l	99
5) Bromomethane	1.64	94	79727	68.497	ug/l	98
6) Chloroethane	1.71	64	85420	57.006	ug/l	99
7) Trichlorofluoromethane	1.92	101	168478	44.136	ug/l	97
8) Diethyl Ether	2.19	74	93835	67.750	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	85927	40.340	ug/l	98
10) Methyl Iodide	2.51	142	164548	57.092	ug/l	97
11) Tert butyl alcohol	3.09	59	204353	340.392	ug/l	100
12) 1,1-Dichloroethene	2.37	96	100950	50.619	ug/l	93
13) Acrolein	2.30	56	61913	238.523	ug/l	99
14) Allyl chloride	2.73	41	245327	58.603	ug/l	98
15) Acrylonitrile	3.15	53	433878	351.450	ug/l	99
16) Acetone	2.45	43	430069	364.361	ug/l	99
17) Carbon Disulfide	2.56	76	220176	38.360	ug/l	99
18) Methyl Acetate	2.78	43	224815	79.741	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	507060	67.600	ug/l	100
20) Methylene Chloride	2.86	84	147544	72.960	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	120305	62.353	ug/l	97
22) Diisopropyl ether	3.88	45	478658	56.213	ug/l	98
23) Vinyl Acetate	3.83	43	2077868	294.317	ug/l	99
24) 1,1-Dichloroethane	3.70	63	249112	61.587	ug/l	100
25) 2-Butanone	4.71	43	597370	276.133	ug/l	98
26) 2,2-Dichloropropane	4.59	77	143205	34.978	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	138077	53.095	ug/l	92
28) Bromochloromethane	5.03	49	118778	70.731	ug/l	96
29) Tetrahydrofuran	5.17	42	382311	271.623	ug/l	98
30) Chloroform	5.22	83	251035	55.087	ug/l	97
31) Cyclohexane	5.57	56	137980	32.742	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	193337	45.508	ug/l	99
36) 1,1-Dichloropropene	5.80	75	150070	39.914	ug/l	98
37) Ethyl Acetate	4.87	43	231368	47.201	ug/l	99
38) Carbon Tetrachloride	5.78	117	152484	34.779	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	130524	28.257	ug/l	97
40) Benzene	6.15	78	526812	47.827	ug/l	99
41) Methacrylonitrile	5.07	41	132618	51.306	ug/l	99
42) 1,2-Dichloroethane	6.20	62	220315	50.072	ug/l	99
43) Isopropyl Acetate	6.48	43	383546	46.961	ug/l	100
44) Trichloroethene	7.22	130	144177	44.917	ug/l	97
45) 1,2-Dichloropropane	7.52	63	144971	48.463	ug/l	98
46) Dibromomethane	7.67	93	99518	50.248	ug/l	99
47) Bromodichloromethane	7.90	83	183985	43.568	ug/l	100
48) Methyl methacrylate	7.78	41	195999	47.151	ug/l	97
49) 1,4-Dioxane	7.76	88	78063	1065.693	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1266696	257.281	ug/l	100
52) Toluene	8.79	92	339354	48.410	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	218942	45.015	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	206442	43.559	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	152279	52.000	ug/l	98
56) Ethyl methacrylate	9.19	69	242289	48.101	ug/l	98
57) 1,3-Dichloropropane	9.38	76	252068	52.250	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	539035	241.443	ug/l	99
59) 2-Hexanone	9.50	43	981267	258.482	ug/l	100
60) Dibromochloromethane	9.59	129	154644	44.584	ug/l	99
61) 1,2-Dibromoethane	9.68	107	158510	51.585	ug/l	99
64) Tetrachloroethene	9.34	164	161398	42.320	ug/l	99
65) Chlorobenzene	10.14	112	403538	47.884	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	152335	44.765	ug/l	100
67) Ethyl Benzene	10.26	91	655967	44.800	ug/l	100
68) m/p-Xylenes	10.37	106	512321	91.533	ug/l	99
69) o-Xylene	10.70	106	262189	46.915	ug/l	99
70) Styrene	10.71	104	444088	47.915	ug/l	99
71) Bromoform	10.86	173	122013	37.813	ug/l #	100
73) Isopropylbenzene	11.02	105	656472	43.179	ug/l	100
74) N-amyl acetate	6.48	43	383546	48.538	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	227796	54.907	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	232470m	53.907	ug/l	
77) Bromobenzene	11.26	156	198108	49.113	ug/l	95
78) n-propylbenzene	11.37	91	737861	43.333	ug/l	100
79) 2-Chlorotoluene	11.43	91	474857	50.876	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	572124	44.034	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	60174	33.536	ug/l	87
82) 4-Chlorotoluene	11.51	91	556931	46.373	ug/l	100
83) tert-Butylbenzene	11.77	119	545076	42.751	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	609423	45.389	ug/l	99
85) sec-Butylbenzene	11.95	105	638980	41.691	ug/l	100
86) p-Isopropyltoluene	12.07	119	591854	43.155	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	346610	47.981	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	349372	48.375	ug/l	99
89) n-Butylbenzene	12.39	91	482496	41.519	ug/l	99
90) Hexachloroethane	12.60	117	92935	34.354	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	366783	49.832	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52887	39.126	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	250965	47.683	ug/l	99
94) Hexachlorobutadiene	13.79	225	108020	38.154	ug/l	99
95) Naphthalene	13.84	128	798525	49.245	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	265389	48.732	ug/l	100

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

