

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051018\
 Data File : VX001616.D
 Acq On : 10 May 2018 21:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 5/11/2018 1:06:57 PM

Quant Time: May 11 07:05:51 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	229486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	300295	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	288022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	207963	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	160898	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
35) Dibromofluoromethane	5.51	113	131841	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
50) Toluene-d8	8.72	98	470000	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
62) 4-Bromofluorobenzene	11.14	95	178392	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	143309	46.39	ug/l	99
3) Chloromethane	1.32	50	140818	46.80	ug/l	99
4) Vinyl Chloride	1.40	62	148724	47.36	ug/l	99
5) Bromomethane	1.64	94	64327	44.37	ug/l	99
6) Chloroethane	1.72	64	100916	48.62	ug/l	97
7) Trichlorofluoromethane	1.92	101	233963	49.51	ug/l	99
8) Diethyl Ether	2.19	74	93348	50.40	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	131857	47.59	ug/l	99
10) Methyl Iodide	2.51	142	175478	43.90	ug/l	100
11) Tert butyl alcohol	3.09	59	189052	271.85	ug/l	99
12) 1,1-Dichloroethene	2.37	96	125267	49.33	ug/l	99
13) Acrolein	2.30	56	28305	204.33	ug/l	95
14) Allyl chloride	2.73	41	238384	50.35	ug/l	98
15) Acrylonitrile	3.15	53	419473	266.93	ug/l	100
16) Acetone	2.45	43	370313	247.25	ug/l	99
17) Carbon Disulfide	2.57	76	290250	44.91	ug/l	99
18) Methyl Acetate	2.78	43	229846	58.41	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	456895	51.68	ug/l	99
20) Methylene Chloride	2.86	84	143692	48.45	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	135552	47.83	ug/l	96
22) Diisopropyl ether	3.88	45	447186	50.55	ug/l	99
23) Vinyl Acetate	3.83	43	1862631	252.65	ug/l	99
24) 1,1-Dichloroethane	3.70	63	258055	52.22	ug/l	99
25) 2-Butanone	4.72	43	572490	264.43	ug/l	99
26) 2,2-Dichloropropane	4.59	77	166105	43.53	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	151874	50.32	ug/l	97
28) Bromochloromethane	5.03	49	116270	54.27	ug/l	98
29) Tetrahydrofuran	5.18	42	369980	267.09	ug/l	100
30) Chloroform	5.22	83	267175	52.49	ug/l	97
31) Cyclohexane	5.57	56	204708	48.23	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	235805	53.00	ug/l	100
36) 1,1-Dichloropropene	5.81	75	184864	48.40	ug/l	99
37) Ethyl Acetate	4.87	43	218913	52.28	ug/l	100
38) Carbon Tetrachloride	5.79	117	210349	51.63	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	212376	47.03	ug/l	98
40) Benzene	6.15	78	567554	50.87	ug/l	100
41) Methacrylonitrile	5.07	41	124335	51.90	ug/l	99
42) 1,2-Dichloroethane	6.21	62	222144	51.80	ug/l	99
43) Isopropyl Acetate	6.48	43	342242	53.24	ug/l	100
44) Trichloroethene	7.22	130	170895	50.11	ug/l	99
45) 1,2-Dichloropropane	7.53	63	145992	52.49	ug/l	98
46) Dibromomethane	7.67	93	101923	51.76	ug/l	99
47) Bromodichloromethane	7.90	83	199307	54.69	ug/l	99
48) Methyl methacrylate	7.79	41	186266	53.22	ug/l	99
49) 1,4-Dioxane	7.76	88	81820	1081.99	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1176993	275.55	ug/l	99
52) Toluene	8.79	92	372413	51.05	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	221625	53.81	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	198369	46.74	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	154513	52.57	ug/l	96
56) Ethyl methacrylate	9.19	69	228848	54.01	ug/l	98
57) 1,3-Dichloropropane	9.38	76	250880	51.62	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	590170	284.00	ug/l	99
59) 2-Hexanone	9.51	43	890979	272.40	ug/l	99
60) Dibromochloromethane	9.59	129	164676	54.71	ug/l	99
61) 1,2-Dibromoethane	9.68	107	161779	52.42	ug/l	100
64) Tetrachloroethene	9.34	164	201867	50.28	ug/l	99
65) Chlorobenzene	10.15	112	426363	50.47	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	161913	53.59	ug/l	100
67) Ethyl Benzene	10.26	91	708360	51.16	ug/l	100
68) m/p-Xylenes	10.37	106	563441	102.99	ug/l	100
69) o-Xylene	10.71	106	276352	51.98	ug/l	99
70) Styrene	10.72	104	464534	53.78	ug/l	98
71) Bromoform	10.87	173	136863	47.31	ug/l	100
73) Isopropylbenzene	11.02	105	744413	51.71	ug/l	100
74) N-amyl acetate	6.48	43	342242	52.34	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	226083	53.17	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	222030m	52.64	ug/l	
77) Bromobenzene	11.26	156	210187	50.22	ug/l	100
78) n-propylbenzene	11.37	91	820507	52.34	ug/l	99
79) 2-Chlorotoluene	11.43	91	495124	51.32	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	618650	51.61	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	59191	45.20	ug/l	98
82) 4-Chlorotoluene	11.52	91	573954	51.57	ug/l	100
83) tert-Butylbenzene	11.77	119	606133	50.82	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	641219	52.05	ug/l	100
85) sec-Butylbenzene	11.95	105	752837	52.59	ug/l	100
86) p-Isopropyltoluene	12.07	119	689445	52.50	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	380469	50.85	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	383312	50.23	ug/l	100
89) n-Butylbenzene	12.40	91	560814	51.54	ug/l	99
90) Hexachloroethane	12.60	117	108967	55.11	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	386662	50.80	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54835	58.70	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	285506	51.26	ug/l	100
94) Hexachlorobutadiene	13.79	225	151479	49.70	ug/l	99
95) Naphthalene	13.84	128	843033	54.72	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	299553	52.41	ug/l	99

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

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