

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042518\
 Data File : VX001133.D
 Acq On : 25 Apr 2018 21:11
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Sohil
 4/27/2018 1:48:39 AM

Quant Time: Apr 27 01:41:11 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	157200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	219950	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	207703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	137064	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	84420	42.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.72%	
35) Dibromofluoromethane	5.51	113	67379	40.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.34%	
50) Toluene-d8	8.72	98	232132	37.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.86%	
62) 4-Bromofluorobenzene	11.14	95	93970	36.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	71564	36.71	ug/l	96
3) Chloromethane	1.32	50	68548	37.76	ug/l	99
4) Vinyl Chloride	1.40	62	72931	38.76	ug/l	99
5) Bromomethane	1.64	94	52169	47.92	ug/l	95
6) Chloroethane	1.73	64	44837	40.10	ug/l	98
7) Trichlorofluoromethane	1.93	101	111772	39.54	ug/l	100
8) Diethyl Ether	2.19	74	42890	41.08	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	61143	36.92	ug/l	99
10) Methyl Iodide	2.51	142	40762	28.75	ug/l	97
11) Tert butyl alcohol	3.08	59	77257	257.07	ug/l	99
12) 1,1-Dichloroethene	2.38	96	58576	38.24	ug/l	100
13) Acrolein	2.30	56	27764	294.50	ug/l	98
14) Allyl chloride	2.73	41	114400	41.27	ug/l	97
15) Acrylonitrile	3.15	53	189066	232.46	ug/l	100
16) Acetone	2.45	43	175276	233.59	ug/l	99
17) Carbon Disulfide	2.57	76	136476	31.27	ug/l	99
18) Methyl Acetate	2.78	43	119900	52.81	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	213438	41.45	ug/l	100
20) Methylene Chloride	2.86	84	69107	43.50	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	65295	38.30	ug/l	98
22) Diisopropyl ether	3.88	45	208417	38.84	ug/l	98
23) Vinyl Acetate	3.83	43	880347	198.18	ug/l	99
24) 1,1-Dichloroethane	3.70	63	117451	39.02	ug/l	99
25) 2-Butanone	4.71	43	259900	221.88	ug/l	97
26) 2,2-Dichloropropane	4.59	77	89212	34.46	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	74568	39.26	ug/l	99
28) Bromochloromethane	5.03	49	53436	46.17	ug/l	97
29) Tetrahydrofuran	5.18	42	162689	219.79	ug/l	99
30) Chloroform	5.23	83	125179	40.16	ug/l	99
31) Cyclohexane	5.59	56	91232	32.47	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	105951	37.91	ug/l	99
36) 1,1-Dichloropropene	5.81	75	86719	33.55	ug/l	100
37) Ethyl Acetate	4.87	43	97191	40.99	ug/l	99
38) Carbon Tetrachloride	5.79	117	88413	33.78	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	89528	29.76	ug/l	98
40) Benzene	6.15	78	267002	37.16	ug/l	99
41) Methacrylonitrile	5.07	41	59331	40.07	ug/l	99
42) 1,2-Dichloroethane	6.21	62	108481	39.33	ug/l	100
43) Isopropyl Acetate	6.48	43	157687	38.77	ug/l	99
44) Trichloroethene	7.22	130	78028	35.54	ug/l	100
45) 1,2-Dichloropropane	7.52	63	69888	38.68	ug/l	99
46) Dibromomethane	7.67	93	49168	38.95	ug/l	99
47) Bromodichloromethane	7.91	83	87210	37.29	ug/l	98
48) Methyl methacrylate	7.79	41	85099	38.85	ug/l	97
49) 1,4-Dioxane	7.76	88	32872	1020.61	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	522235	211.45	ug/l	99
52) Toluene	8.79	92	170180	36.28	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	103966	37.17	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	96825	36.71	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	71805	38.52	ug/l	97
56) Ethyl methacrylate	9.19	69	106062	38.74	ug/l	98
57) 1,3-Dichloropropane	9.38	76	119645	38.74	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	227681	170.38	ug/l	99
59) 2-Hexanone	9.51	43	397319	210.17	ug/l	97
60) Dibromochloromethane	9.59	129	73470	37.52	ug/l	99
61) 1,2-Dibromoethane	9.68	107	77495	39.39	ug/l	100
64) Tetrachloroethene	9.34	164	78898	35.77	ug/l	99
65) Chlorobenzene	10.15	112	203735	36.84	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	71224	37.52	ug/l	98
67) Ethyl Benzene	10.26	91	325156	35.40	ug/l	99
68) m/p-Xylenes	10.37	106	255915	70.70	ug/l	98
69) o-Xylene	10.71	106	123050	35.26	ug/l	97
70) Styrene	10.72	104	210093	36.55	ug/l	98
71) Bromoform	10.87	173	57716	33.60	ug/l	99
73) Isopropylbenzene	11.02	105	326074	36.39	ug/l	99
74) N-amyl acetate	6.48	43	157687	41.14	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	107619	42.43	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	101262m	42.58	ug/l	
77) Bromobenzene	11.26	156	99045	38.08	ug/l	98
78) n-propylbenzene	11.37	91	368933	35.86	ug/l	99
79) 2-Chlorotoluene	11.43	91	227150	37.37	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	274634	36.16	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	24054	32.27	ug/l	90
82) 4-Chlorotoluene	11.52	91	273540	37.24	ug/l	99
83) tert-Butylbenzene	11.77	119	274154	35.78	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	282886	36.19	ug/l	99
85) sec-Butylbenzene	11.95	105	315037	34.44	ug/l	100
86) p-Isopropyltoluene	12.07	119	289430	34.21	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	174871	35.91	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	180801	36.17	ug/l	99
89) n-Butylbenzene	12.40	91	248429	33.00	ug/l	100
90) Hexachloroethane	12.60	117	40497	33.78	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	178167	37.80	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	22375	42.11	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	129222	32.66	ug/l	99
94) Hexachlorobutadiene	13.79	225	47013	26.26	ug/l	100
95) Naphthalene	13.84	128	365450	37.55	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	127991	33.44	ug/l	99

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

