

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042318\
 Data File : VX001074.D
 Acq On : 23 Apr 2018 21:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

sam
 4/24/2018 6:08:01 PM

Quant Time: Apr 24 08:48:23 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	215843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	296659	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	285201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	197232	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	132206	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
35) Dibromofluoromethane	5.51	113	109273	48.31	ug/l	0.00
Spiked Amount			Recovery	=	96.62%	
50) Toluene-d8	8.72	98	393337	47.02	ug/l	0.00
Spiked Amount			Recovery	=	94.04%	
62) 4-Bromofluorobenzene	11.14	95	162989	46.43	ug/l	0.00
Spiked Amount			Recovery	=	92.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	135053	50.45	ug/l	100
3) Chloromethane	1.32	50	110449	44.31	ug/l	99
4) Vinyl Chloride	1.40	62	123709	47.88	ug/l	100
5) Bromomethane	1.64	94	71307	47.68	ug/l	99
6) Chloroethane	1.72	64	73931	48.16	ug/l	99
7) Trichlorofluoromethane	1.93	101	190260	49.02	ug/l	100
8) Diethyl Ether	2.19	74	69397	48.41	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	107402	47.23	ug/l	99
10) Methyl Iodide	2.51	142	85391	39.87	ug/l	100
11) Tert butyl alcohol	3.08	59	116362	282.00	ug/l	100
12) 1,1-Dichloroethene	2.37	96	100560	47.82	ug/l	97
13) Acrolein	2.30	56	49917	382.25	ug/l	100
14) Allyl chloride	2.73	41	182431	47.93	ug/l	99
15) Acrylonitrile	3.15	53	281937	252.46	ug/l	100
16) Acetone	2.45	43	271356	263.38	ug/l	99
17) Carbon Disulfide	2.57	76	257103	42.90	ug/l	99
18) Methyl Acetate	2.78	43	180417	57.87	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	351919	49.78	ug/l	98
20) Methylene Chloride	2.86	84	111994	51.62	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	108289	46.26	ug/l	99
22) Diisopropyl ether	3.88	45	365006	49.54	ug/l	99
23) Vinyl Acetate	3.83	43	1472098	241.35	ug/l	99
24) 1,1-Dichloroethane	3.70	63	196269	47.49	ug/l	99
25) 2-Butanone	4.72	43	414010	257.42	ug/l	99
26) 2,2-Dichloropropane	4.59	77	148441	41.76	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	123832	47.48	ug/l	98
28) Bromochloromethane	5.03	49	85580	53.85	ug/l	98
29) Tetrahydrofuran	5.18	42	260704	256.51	ug/l	100
30) Chloroform	5.23	83	209200	48.88	ug/l	97
31) Cyclohexane	5.58	56	176356	45.72	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	190124	49.55	ug/l	100
36) 1,1-Dichloropropene	5.81	75	155276	44.54	ug/l	100
37) Ethyl Acetate	4.87	43	157621	49.29	ug/l	100
38) Carbon Tetrachloride	5.79	117	167647	47.49	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	183352	45.18	ug/l	99
40) Benzene	6.15	78	454031	46.85	ug/l	99
41) Methacrylonitrile	5.07	41	93691	46.92	ug/l	99
42) 1,2-Dichloroethane	6.21	62	179225	48.18	ug/l	99
43) Isopropyl Acetate	6.48	43	270082	49.23	ug/l	99
44) Trichloroethene	7.22	130	134372	45.38	ug/l	99
45) 1,2-Dichloropropane	7.52	63	116712	47.89	ug/l	99
46) Dibromomethane	7.67	93	81600	47.92	ug/l	98
47) Bromodichloromethane	7.91	83	155147	49.18	ug/l	98
48) Methyl methacrylate	7.79	41	144713	48.99	ug/l	99
49) 1,4-Dioxane	7.76	88	49095	1130.15	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	863615	259.26	ug/l	99
52) Toluene	8.79	92	300073	47.44	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	183901	48.75	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	175056	49.21	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	122577	48.75	ug/l	98
56) Ethyl methacrylate	9.19	69	183036	49.56	ug/l	98
57) 1,3-Dichloropropane	9.38	76	197487	47.41	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	454960	252.43	ug/l	100
59) 2-Hexanone	9.51	43	654216	256.58	ug/l	99
60) Dibromochloromethane	9.59	129	134051	50.76	ug/l	99
61) 1,2-Dibromoethane	9.68	107	130011	49.00	ug/l	99
64) Tetrachloroethene	9.34	164	145269	47.96	ug/l	99
65) Chlorobenzene	10.15	112	357117	47.03	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	130078	49.90	ug/l	100
67) Ethyl Benzene	10.26	91	592870	47.01	ug/l	99
68) m/p-Xylenes	10.37	106	468861	94.33	ug/l	99
69) o-Xylene	10.71	106	227326	47.44	ug/l	98
70) Styrene	10.72	104	379072	48.03	ug/l	100
71) Bromoform	10.87	173	109043	45.21	ug/l	100
73) Isopropylbenzene	11.02	105	615942	47.77	ug/l	99
74) N-amyl acetate	6.48	43	270082	48.97	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	184493	50.54	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	171598m	50.15	ug/l	
77) Bromobenzene	11.26	156	176368	47.12	ug/l	99
78) n-propylbenzene	11.37	91	696098	47.03	ug/l	100
79) 2-Chlorotoluene	11.43	91	412958	47.21	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	528257	48.33	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	46423	42.17	ug/l	97
82) 4-Chlorotoluene	11.52	91	496151	46.94	ug/l	99
83) tert-Butylbenzene	11.77	119	534680	48.49	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	544507	48.41	ug/l	99
85) sec-Butylbenzene	11.95	105	629830	47.85	ug/l	100
86) p-Isopropyltoluene	12.07	119	584488	48.01	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	320990	45.81	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	329376	45.80	ug/l	100
89) n-Butylbenzene	12.40	91	496155	45.80	ug/l	100
90) Hexachloroethane	12.60	117	88641	51.38	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	323457	47.68	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	41380	54.11	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	253758	44.56	ug/l	99
94) Hexachlorobutadiene	13.79	225	118415	45.96	ug/l	100
95) Naphthalene	13.84	128	696120	49.71	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	253190	45.97	ug/l	100

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

