

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052918\
 Data File : VX002111.D
 Acq On : 30 May 2018 00:13
 Operator : JC/MD
 Sample : VX0529WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS02

Manual Integrations
 APPROVED

MMDadoda
 5/30/2018 1:51:03 PM

Quant Time: May 30 08:27:55 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	282044	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	407605	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	372328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	242437	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	209109	41.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.96%	
35) Dibromofluoromethane	5.51	113	157527	38.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.30%	
50) Toluene-d8	8.72	98	581349	39.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.80%	
62) 4-Bromofluorobenzene	11.14	95	229218	39.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.40%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	61029	15.90	ug/l	97
3) Chloromethane	1.32	50	80170	18.47	ug/l	99
4) Vinyl Chloride	1.40	62	80751	19.27	ug/l	100
5) Bromomethane	1.64	94	47349	24.05	ug/l	100
6) Chloroethane	1.73	64	50827	20.58	ug/l	100
7) Trichlorofluoromethane	1.93	101	130847	20.79	ug/l	99
8) Diethyl Ether	2.19	74	49980	21.89	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	71332	20.32	ug/l	100
10) Methyl Iodide	2.51	142	68705	14.46	ug/l	98
11) Tert butyl alcohol	3.08	59	118987	120.24	ug/l	97
12) 1,1-Dichloroethene	2.37	96	68020	20.69	ug/l	96
13) Acrolein	2.30	56	37859	88.48	ug/l	100
14) Allyl chloride	2.73	41	141975	20.57	ug/l	98
15) Acrylonitrile	3.15	53	221050	108.62	ug/l	99
16) Acetone	2.45	43	208505	107.16	ug/l	99
17) Carbon Disulfide	2.57	76	178325	18.85	ug/l	99
18) Methyl Acetate	2.78	43	107246	22.25	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	259637	21.00	ug/l	100
20) Methylene Chloride	2.86	84	77830	22.17	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	72484	21.76	ug/l	97
22) Diisopropyl ether	3.88	45	266759	19.00	ug/l	99
23) Vinyl Acetate	3.83	43	1182499	101.61	ug/l	98
24) 1,1-Dichloroethane	3.70	63	136635	20.49	ug/l	98
25) 2-Butanone	4.71	43	331572	92.98	ug/l	99
26) 2,2-Dichloropropane	4.59	77	93838	13.90	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	79467	18.54	ug/l	98
28) Bromochloromethane	5.03	49	72618	24.89	ug/l	98
29) Tetrahydrofuran	5.17	42	217396	93.70	ug/l	99
30) Chloroform	5.22	83	137624	18.32	ug/l	93
31) Cyclohexane	5.57	56	127251	18.32	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	125393	17.91	ug/l	99
36) 1,1-Dichloropropene	5.81	75	100230	17.68	ug/l	99
37) Ethyl Acetate	4.87	43	131235	17.75	ug/l	99
38) Carbon Tetrachloride	5.79	117	109674	16.59	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	123923	17.79	ug/l	99
40) Benzene	6.15	78	305547	18.40	ug/l	100
41) Methacrylonitrile	5.07	41	73239	17.90	ug/l	98
42) 1,2-Dichloroethane	6.20	62	119809	18.06	ug/l	99
43) Isopropyl Acetate	6.47	43	216841	17.61	ug/l	100
44) Trichloroethene	7.21	130	88703	18.33	ug/l	98
45) 1,2-Dichloropropane	7.53	63	80193	17.78	ug/l	97
46) Dibromomethane	7.67	93	53800	18.01	ug/l	99
47) Bromodichloromethane	7.90	83	102639	16.12	ug/l	99
48) Methyl methacrylate	7.78	41	110521	17.63	ug/l	99
49) 1,4-Dioxane	7.76	88	42235	382.36	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	693146	93.36	ug/l	99
52) Toluene	8.79	92	192507	18.21	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	121215	16.53	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	113453	15.87	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	78446	17.76	ug/l	98
56) Ethyl methacrylate	9.19	69	128886	16.97	ug/l	98
57) 1,3-Dichloropropane	9.38	76	132082	18.16	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	298433	88.65	ug/l	100
59) 2-Hexanone	9.50	43	527216	92.10	ug/l	99
60) Dibromochloromethane	9.59	129	81384	15.56	ug/l	100
61) 1,2-Dibromoethane	9.68	107	82532	17.81	ug/l	100
64) Tetrachloroethene	9.34	164	99212	18.58	ug/l	99
65) Chlorobenzene	10.14	112	215138	18.24	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	80719	16.95	ug/l	99
67) Ethyl Benzene	10.26	91	376027	18.35	ug/l	100
68) m/p-Xylenes	10.37	106	283254	36.15	ug/l	99
69) o-Xylene	10.70	106	139811	17.87	ug/l	99
70) Styrene	10.71	104	231470	17.84	ug/l	99
71) Bromoform	10.86	173	63194	13.99	ug/l #	99
73) Isopropylbenzene	11.02	105	378492	18.44	ug/l	99
74) N-amyl acetate	6.47	43	216841	18.36	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	111911	19.15	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	121233m	20.82	ug/l	
77) Bromobenzene	11.26	156	101017	18.55	ug/l	98
78) n-propylbenzene	11.37	91	426051	18.53	ug/l	100
79) 2-Chlorotoluene	11.43	91	254810	18.76	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	319259	18.20	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	32704	13.50	ug/l	89
82) 4-Chlorotoluene	11.51	91	296885	18.31	ug/l	99
83) tert-Butylbenzene	11.77	119	306669	17.81	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	326823	18.03	ug/l	99
85) sec-Butylbenzene	11.95	105	381088	18.41	ug/l	99
86) p-Isopropyltoluene	12.07	119	337670	18.23	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	177870	18.23	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	176783	18.13	ug/l	100
89) n-Butylbenzene	12.39	91	284226	18.11	ug/l	99
90) Hexachloroethane	12.60	117	54765	14.99	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	182381	18.35	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	28617	15.68	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	128147	18.03	ug/l	100
94) Hexachlorobutadiene	13.79	225	67457	17.64	ug/l	98
95) Naphthalene	13.84	128	401904	18.36	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	134813	18.33	ug/l	99

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

