

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052718\
 Data File : VX002063.D
 Acq On : 27 May 2018 12:53
 Operator : JC/MD
 Sample : VX0527WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0527WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/30/2018 1:50:34 PM

Quant Time: May 29 03:24:18 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	248515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	341164	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	214684	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	201250	45.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.60%	
35) Dibromofluoromethane	5.51	113	156640	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	
50) Toluene-d8	8.72	98	592745	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	11.14	95	226247	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59640	17.87	ug/l	96
3) Chloromethane	1.32	50	92595	24.22	ug/l	100
4) Vinyl Chloride	1.40	62	73466	19.90	ug/l	99
5) Bromomethane	1.64	94	39775	22.88	ug/l	96
6) Chloroethane	1.73	64	47264	21.72	ug/l	99
7) Trichlorofluoromethane	1.93	101	119916	21.63	ug/l	98
8) Diethyl Ether	2.19	74	44729	22.23	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	68627	22.18	ug/l	98
10) Methyl Iodide	2.51	142	63331	15.13	ug/l	98
11) Tert butyl alcohol	3.07	59	90424	103.70	ug/l	99
12) 1,1-Dichloroethene	2.37	96	60595	20.92	ug/l	97
13) Acrolein	2.29	56	23507	62.35	ug/l	98
14) Allyl chloride	2.73	41	130287	21.43	ug/l	98
15) Acrylonitrile	3.15	53	190153	106.05	ug/l	99
16) Acetone	2.45	43	191788	111.87	ug/l	99
17) Carbon Disulfide	2.57	76	157366	18.88	ug/l	99
18) Methyl Acetate	2.78	43	98839	23.33	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	238258	21.87	ug/l	98
20) Methylene Chloride	2.86	84	86439	28.40	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	64727	22.07	ug/l	97
22) Diisopropyl ether	3.87	45	238644	19.30	ug/l	99
23) Vinyl Acetate	3.82	43	1059518	103.32	ug/l	98
24) 1,1-Dichloroethane	3.70	63	131525	22.39	ug/l	98
25) 2-Butanone	4.70	43	277078	88.18	ug/l	100
26) 2,2-Dichloropropane	4.59	77	108550	18.25	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	71263	18.87	ug/l	88
28) Bromochloromethane	5.02	49	53064	20.28	ug/l	99
29) Tetrahydrofuran	5.17	42	174983	85.59	ug/l	99
30) Chloroform	5.21	83	123307	18.63	ug/l	97
31) Cyclohexane	5.57	56	110239	18.01	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	111927	18.14	ug/l	99
36) 1,1-Dichloropropene	5.81	75	87485	18.44	ug/l	97
37) Ethyl Acetate	4.86	43	108079	17.47	ug/l	100
38) Carbon Tetrachloride	5.79	117	97879	17.69	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	112384	19.28	ug/l	100
40) Benzene	6.15	78	271119	19.50	ug/l	97
41) Methacrylonitrile	5.06	41	61978	18.12	ug/l	97
42) 1,2-Dichloroethane	6.20	62	105698	19.03	ug/l	99
43) Isopropyl Acetate	6.46	43	187979	18.24	ug/l	99
44) Trichloroethene	7.21	130	78221	19.31	ug/l	99
45) 1,2-Dichloropropane	7.52	63	74486	19.73	ug/l	94
46) Dibromomethane	7.67	93	48351	19.34	ug/l	99
47) Bromodichloromethane	7.90	83	95971	18.01	ug/l	98
48) Methyl methacrylate	7.78	41	95996	18.30	ug/l	99
49) 1,4-Dioxane	7.76	88	34093	368.76	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	573076	92.22	ug/l	100
52) Toluene	8.79	92	174264	19.70	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	115348	18.79	ug/l	97
54) cis-1,3-Dichloropropene	9.04	75	109761	18.35	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	71605	19.37	ug/l	99
56) Ethyl methacrylate	9.18	69	117119	18.42	ug/l	100
57) 1,3-Dichloropropane	9.37	76	120480	19.79	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	287869	102.16	ug/l	99
59) 2-Hexanone	9.50	43	443098	92.48	ug/l	99
60) Dibromochloromethane	9.59	129	77949	17.81	ug/l	99
61) 1,2-Dibromoethane	9.68	107	74807	19.29	ug/l	100
64) Tetrachloroethene	9.34	164	90350	19.81	ug/l	99
65) Chlorobenzene	10.14	112	195971	19.44	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	75042	18.44	ug/l	100
67) Ethyl Benzene	10.26	91	340047	19.42	ug/l	99
68) m/p-Xylenes	10.36	106	261585	39.08	ug/l	99
69) o-Xylene	10.70	106	129252	19.34	ug/l	99
70) Styrene	10.71	104	212418	19.16	ug/l	100
71) Bromoform	10.86	173	62261	16.13	ug/l #	99
73) Isopropylbenzene	11.02	105	350046	19.25	ug/l	99
74) N-amyl acetate	6.46	43	187979	17.91	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	101455	19.64	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	109628m	21.26	ug/l	
77) Bromobenzene	11.26	156	93410	19.37	ug/l	96
78) n-propylbenzene	11.37	91	392314	19.27	ug/l	100
79) 2-Chlorotoluene	11.43	91	236603	19.79	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	299669	19.29	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	33852	15.78	ug/l	94
82) 4-Chlorotoluene	11.51	91	276100	19.23	ug/l	100
83) tert-Butylbenzene	11.77	119	290717	19.07	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	306767	19.11	ug/l	98
85) sec-Butylbenzene	11.95	105	353681	19.30	ug/l	100
86) p-Isopropyltoluene	12.07	119	319225	19.47	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	168513	19.51	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	168825	19.55	ug/l	99
89) n-Butylbenzene	12.39	91	270951	19.50	ug/l	100
90) Hexachloroethane	12.60	117	54560	16.87	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	170229	19.34	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	25015	15.48	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	124741	19.82	ug/l	99
94) Hexachlorobutadiene	13.79	225	65301	19.29	ug/l	98
95) Naphthalene	13.84	128	366255	18.89	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	127492	19.58	ug/l	100

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

