

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031518\
 Data File : VX000340.D
 Acq On : 15 Mar 2018 20:09
 Operator : JC/MD
 Sample : VX0315WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD01

Manual Integrations
 APPROVED

apatel
 3/16/2018 3:43:26 PM

Quant Time: Mar 16 04:31:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 15 03:39:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	120288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	202883	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	197384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	108723	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	71939	43.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.46%	
35) Dibromofluoromethane	5.52	113	56206	43.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.82%	
50) Toluene-d8	8.73	98	220727	41.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.66%	
62) 4-Bromofluorobenzene	11.15	95	83058	38.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	20681	15.96	ug/l	97
3) Chloromethane	1.32	50	22330	16.91	ug/l	98
4) Vinyl Chloride	1.41	62	26720	18.06	ug/l	97
5) Bromomethane	1.64	94	28943	17.53	ug/l	98
6) Chloroethane	1.73	64	18369	17.47	ug/l	96
7) Trichlorofluoromethane	1.93	101	50410	19.62	ug/l	97
8) Diethyl Ether	2.20	74	17955	19.63	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	26840	19.40	ug/l	97
10) Methyl Iodide	2.52	142	15088	10.79	ug/l	97
11) Tert butyl alcohol	3.07	59	58830	109.26	ug/l	99
12) 1,1-Dichloroethene	2.38	96	24451	18.62	ug/l	96
13) Acrolein	2.30	56	26110	112.72	ug/l	95
14) Allyl chloride	2.73	41	46017	19.65	ug/l	99
15) Acrylonitrile	3.15	53	110124	106.08	ug/l	100
16) Acetone	2.45	43	114588	103.13	ug/l	99
17) Carbon Disulfide	2.57	76	60666	15.82	ug/l	96
18) Methyl Acetate	2.79	43	54349	21.86	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	94723	20.49	ug/l	99
20) Methylene Chloride	2.87	84	29834	20.74	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	26929	18.55	ug/l	97
22) Diisopropyl ether	3.88	45	67897	17.42	ug/l	# 98
23) Vinyl Acetate	3.84	43	322993	86.96	ug/l	99
24) 1,1-Dichloroethane	3.71	63	49001	19.99	ug/l	99
25) 2-Butanone	4.72	43	136655	102.90	ug/l	99
26) 2,2-Dichloropropane	4.60	77	32273	18.24	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	24986	18.84	ug/l	97
28) Bromochloromethane	5.03	49	21054	20.43	ug/l	99
29) Tetrahydrofuran	5.18	42	85302	99.80	ug/l	99
30) Chloroform	5.23	83	44753	19.34	ug/l	97
31) Cyclohexane	5.59	56	32657	17.36	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	39308	19.22	ug/l	98
36) 1,1-Dichloropropene	5.81	75	31613	17.15	ug/l	99
37) Ethyl Acetate	4.87	43	47469	19.38	ug/l	99
38) Carbon Tetrachloride	5.80	117	33254	17.89	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	37747	17.56	ug/l	99
40) Benzene	6.15	78	94814	18.13	ug/l	98
41) Methacrylonitrile	5.08	41	23831	18.53	ug/l	98
42) 1,2-Dichloroethane	6.21	62	37455	18.07	ug/l	98
43) Isopropyl Acetate	6.48	43	68183	19.28	ug/l	100
44) Trichloroethene	7.23	130	25800	17.02	ug/l	96
45) 1,2-Dichloropropane	7.53	63	25278	19.60	ug/l	98
46) Dibromomethane	7.67	93	19153	18.48	ug/l	99
47) Bromodichloromethane	7.91	83	34665	18.85	ug/l	99
48) Methyl methacrylate	7.79	41	32836	18.37	ug/l	98
49) 1,4-Dioxane	7.77	88	15117	375.80	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	273542	99.61	ug/l	97
52) Toluene	8.79	92	63682	17.33	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	39122	18.43	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	36989	17.82	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	28264	19.17	ug/l	95
56) Ethyl methacrylate	9.19	69	40570	18.59	ug/l	94
57) 1,3-Dichloropropane	9.38	76	45024	18.85	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	103101	113.51	ug/l	98
59) 2-Hexanone	9.51	43	229074	99.01	ug/l	97
60) Dibromochloromethane	9.59	129	28391	18.21	ug/l	97
61) 1,2-Dibromoethane	9.68	107	29028	17.76	ug/l	98
64) Tetrachloroethene	9.34	164	26437	19.52	ug/l	96
65) Chlorobenzene	10.15	112	75774	18.85	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	26681	19.74	ug/l	98
67) Ethyl Benzene	10.26	91	129207	18.85	ug/l	99
68) m/p-Xylenes	10.37	106	98427	36.86	ug/l	99
69) o-Xylene	10.71	106	48893	18.85	ug/l	99
70) Styrene	10.72	104	78206	18.17	ug/l	100
71) Bromoform	10.87	173	21783	18.72	ug/l #	94
73) Isopropylbenzene	11.02	105	133435	20.38	ug/l	99
74) N-amyl acetate	6.48	43	68183	21.75	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	49359	21.17	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	43728m	21.06	ug/l	
77) Bromobenzene	11.26	156	33837	19.69	ug/l	99
78) n-propylbenzene	11.37	91	155317	19.67	ug/l	98
79) 2-Chlorotoluene	11.43	91	88027	19.65	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	111854	20.05	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	11983	18.27	ug/l	90
82) 4-Chlorotoluene	11.52	91	106748	19.38	ug/l	98
83) tert-Butylbenzene	11.78	119	109650	20.15	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	116842	20.37	ug/l	100
85) sec-Butylbenzene	11.96	105	136858	20.09	ug/l	99
86) p-Isopropyltoluene	12.07	119	118923	19.61	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	63728	18.89	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	65083	18.57	ug/l	98
89) n-Butylbenzene	12.40	91	110059	18.67	ug/l	98
90) Hexachloroethane	12.60	117	18957	19.49	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	63424	19.41	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13372	21.19	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	45165	19.19	ug/l	97
94) Hexachlorobutadiene	13.79	225	17989	19.38	ug/l	99
95) Naphthalene	13.84	128	164567	20.15	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	45611	19.19	ug/l	99

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

