

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
 Data File : VX005415.D
 Acq On : 18 Oct 2018 02:53
 Operator : JC/MD
 Sample : VX1017WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/19/2018 12:24:18 PM

Quant Time: Oct 19 03:11:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	257066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	366152	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	341417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190155	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	144491	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
35) Dibromofluoromethane	5.50	113	117895	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
50) Toluene-d8	8.71	98	441802	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	
62) 4-Bromofluorobenzene	11.14	95	165899	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	39678	19.74	ug/l	100
3) Chloromethane	1.32	50	54416	18.68	ug/l	99
4) Vinyl Chloride	1.41	62	56450	19.13	ug/l	98
5) Bromomethane	1.64	94	36440	22.20	ug/l	98
6) Chloroethane	1.71	64	35576	19.43	ug/l	92
7) Trichlorofluoromethane	1.92	101	80724	20.50	ug/l	97
8) Diethyl Ether	2.19	74	33606	19.99	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	47223	20.78	ug/l	98
10) Methyl Iodide	2.51	142	47748	20.70	ug/l	100
11) Tert butyl alcohol	3.07	59	86410	107.37	ug/l	99
12) 1,1-Dichloroethene	2.37	96	43875	19.49	ug/l	94
13) Acrolein	2.29	56	33985	64.57	ug/l	97
14) Allyl chloride	2.73	41	93726	18.96	ug/l	96
15) Acrylonitrile	3.15	53	179919	98.65	ug/l	99
16) Acetone	2.45	43	157951	95.75	ug/l	95
17) Carbon Disulfide	2.57	76	121966	17.88	ug/l	100
18) Methyl Acetate	2.78	43	98339	20.95	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	165031	20.81	ug/l	98
20) Methylene Chloride	2.85	84	52316	21.01	ug/l	# 85
21) trans-1,2-Dichloroethene	3.16	96	48058	19.26	ug/l	97
22) Diisopropyl ether	3.87	45	161705	19.48	ug/l	95
23) Vinyl Acetate	3.82	43	702813	96.85	ug/l	97
24) 1,1-Dichloroethane	3.70	63	98197	20.64	ug/l	98
25) 2-Butanone	4.70	43	230659	95.57	ug/l	98
26) 2,2-Dichloropropane	4.59	77	53514	15.04	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	51333	18.93	ug/l	91
28) Bromochloromethane	5.01	49	45067	20.78	ug/l	96
29) Tetrahydrofuran	5.15	42	151072	98.13	ug/l	94
30) Chloroform	5.21	83	90956	20.59	ug/l	87
31) Cyclohexane	5.57	56	75249	19.19	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	78696	20.48	ug/l	97
36) 1,1-Dichloropropene	5.80	75	63205	17.82	ug/l	98
37) Ethyl Acetate	4.85	43	84998	18.64	ug/l	99
38) Carbon Tetrachloride	5.79	117	66359	18.62	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	72137	18.80	ug/l	96
40) Benzene	6.14	78	195663	18.39	ug/l	100
41) Methacrylonitrile	5.06	41	47345	19.36	ug/l	98
42) 1,2-Dichloroethane	6.20	62	69366	18.47	ug/l	97
43) Isopropyl Acetate	6.46	43	120754	19.88	ug/l	98
44) Trichloroethene	7.21	130	53564	19.34	ug/l	94
45) 1,2-Dichloropropane	7.52	63	49542	18.99	ug/l	98
46) Dibromomethane	7.66	93	32770	19.03	ug/l	96
47) Bromodichloromethane	7.90	83	63809	20.03	ug/l	99
48) Methyl methacrylate	7.77	41	62806	19.93	ug/l	95
49) 1,4-Dioxane	7.75	88	29953	412.17	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	431299	102.53	ug/l	94
52) Toluene	8.79	92	120706	20.74	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	66012	19.15	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	73889	19.78	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	50981	20.68	ug/l	97
56) Ethyl methacrylate	9.18	69	74872	20.84	ug/l	96
57) 1,3-Dichloropropane	9.37	76	84484	20.53	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	207439	102.93	ug/l	96
59) 2-Hexanone	9.49	43	338697	100.10	ug/l	94
60) Dibromochloromethane	9.58	129	51948	20.39	ug/l	100
61) 1,2-Dibromoethane	9.67	107	52624	20.34	ug/l	99
64) Tetrachloroethene	9.33	164	55783	20.30	ug/l	99
65) Chlorobenzene	10.14	112	139904	19.26	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.22	131	50441	19.49	ug/l	100
67) Ethyl Benzene	10.25	91	229984	19.48	ug/l	97
68) m/p-Xylenes	10.36	106	179802	39.24	ug/l	96
69) o-Xylene	10.70	106	86861	19.65	ug/l	97
70) Styrene	10.71	104	144416	19.87	ug/l	97
71) Bromoform	10.86	173	43303	18.72	ug/l	99
73) Isopropylbenzene	11.02	105	237096	20.97	ug/l	100
74) N-amyl acetate	10.90	43	108066	19.82	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	83216	19.51	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	76377m	20.71	ug/l	
77) Bromobenzene	11.26	156	65002	20.11	ug/l	99
78) n-propylbenzene	11.36	91	270711	20.81	ug/l	100
79) 2-Chlorotoluene	11.42	91	163179	20.48	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	201276	20.79	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	21001	17.30	ug/l	98
82) 4-Chlorotoluene	11.51	91	192909	20.43	ug/l	100
83) tert-Butylbenzene	11.77	119	201349	20.54	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	207776	20.86	ug/l	99
85) sec-Butylbenzene	11.94	105	242682	20.92	ug/l	99
86) p-Isopropyltoluene	12.07	119	217270	20.72	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	120807	20.00	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	122397	19.81	ug/l	98
89) n-Butylbenzene	12.39	91	183537	19.28	ug/l	97
90) Hexachloroethane	12.60	117	33532	18.56	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	121003	19.63	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19470	18.72	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	92540	20.47	ug/l	99
94) Hexachlorobutadiene	13.79	225	46737	19.57	ug/l	98
95) Naphthalene	13.83	128	274501	20.93	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	95991	20.75	ug/l	97

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

