

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081418\
 Data File : VX004033.D
 Acq On : 14 Aug 2018 16:24
 Operator : JC/MD
 Sample : VX0814WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD01

Quant Time: Aug 14 16:51:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	324454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	478007	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	436406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	266522	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	225738	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
35) Dibromofluoromethane	5.50	113	183546	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
50) Toluene-d8	8.72	98	725094	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
62) 4-Bromofluorobenzene	11.14	95	254501	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	62198	19.69	ug/l	98
3) Chloromethane	1.32	50	74851	19.31	ug/l	100
4) Vinyl Chloride	1.40	62	81844	19.52	ug/l	97
5) Bromomethane	1.64	94	45394	21.26	ug/l	99
6) Chloroethane	1.73	64	57520	19.78	ug/l	99
7) Trichlorofluoromethane	1.93	101	111385	18.93	ug/l	100
8) Diethyl Ether	2.18	74	48328	18.82	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	68129	18.56	ug/l	100
10) Methyl Iodide	2.51	142	63626	19.62	ug/l	100
11) Tert butyl alcohol	3.04	59	92286	100.25	ug/l	99
12) 1,1-Dichloroethene	2.38	96	64677	18.95	ug/l	95
13) Acrolein	2.29	56	59881	102.63	ug/l	100
14) Allyl chloride	2.73	41	120359	18.53	ug/l	97
15) Acrylonitrile	3.14	53	219022	95.42	ug/l	99
16) Acetone	2.44	43	234257	98.56	ug/l	100
17) Carbon Disulfide	2.57	76	175521	18.13	ug/l	100
18) Methyl Acetate	2.77	43	99488	18.84	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	228450	19.00	ug/l	99
20) Methylene Chloride	2.86	84	76606	19.35	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	71376	18.41	ug/l	99
22) Diisopropyl ether	3.87	45	242253	19.04	ug/l	98
23) Vinyl Acetate	3.82	43	1017611	97.36	ug/l	100
24) 1,1-Dichloroethane	3.70	63	136150	18.89	ug/l	100
25) 2-Butanone	4.70	43	375689	97.15	ug/l	100
26) 2,2-Dichloropropane	4.59	77	107887	18.83	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	82872	19.01	ug/l	98
28) Bromochloromethane	5.03	49	64909	19.63	ug/l	96
29) Tetrahydrofuran	5.15	42	190300	96.32	ug/l	98
30) Chloroform	5.21	83	132300	18.81	ug/l	99
31) Cyclohexane	5.58	56	119013	18.83	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	113257	19.27	ug/l	98
36) 1,1-Dichloropropene	5.80	75	102075	18.77	ug/l	99
37) Ethyl Acetate	4.85	43	113259	19.12	ug/l	99
38) Carbon Tetrachloride	5.79	117	97633	18.47	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	115715	18.75	ug/l	99
40) Benzene	6.15	78	311615	19.08	ug/l	99
41) Methacrylonitrile	5.06	41	62605	18.87	ug/l	98
42) 1,2-Dichloroethane	6.20	62	107359	18.78	ug/l	100
43) Isopropyl Acetate	6.46	43	165754	18.98	ug/l	100
44) Trichloroethene	7.21	130	83527	18.84	ug/l	95
45) 1,2-Dichloropropane	7.52	63	80292	19.20	ug/l	99
46) Dibromomethane	7.67	93	52252	19.12	ug/l	97
47) Bromodichloromethane	7.90	83	95871	18.53	ug/l	98
48) Methyl methacrylate	7.78	41	85026	19.35	ug/l	98
49) 1,4-Dioxane	7.76	88	40254	406.80	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	716317	100.06	ug/l	99
52) Toluene	8.79	92	199609	19.32	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	105113	18.80	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	117828	19.03	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	80135	18.79	ug/l	100
56) Ethyl methacrylate	9.18	69	111816	19.28	ug/l	99
57) 1,3-Dichloropropane	9.37	76	135133	19.09	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	302931	102.56	ug/l	100
59) 2-Hexanone	9.50	43	543273	100.83	ug/l	99
60) Dibromochloromethane	9.59	129	75187	18.32	ug/l	99
61) 1,2-Dibromoethane	9.68	107	82950	19.08	ug/l	99
64) Tetrachloroethene	9.34	164	79740	19.28	ug/l	96
65) Chlorobenzene	10.14	112	214752	19.05	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	72963	18.98	ug/l	98
67) Ethyl Benzene	10.25	91	343325	19.23	ug/l	97
68) m/p-Xylenes	10.36	106	277992	39.77	ug/l	99
69) o-Xylene	10.70	106	133644	20.01	ug/l	92
70) Styrene	10.71	104	226085	20.11	ug/l	97
71) Bromoform	10.86	173	56128	18.41	ug/l	97
73) Isopropylbenzene	11.02	105	370521	20.54	ug/l	98
74) N-amyl acetate	6.46	43	165754	19.54	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	123489	19.61	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	137684	25.76	ug/l	83
77) Bromobenzene	11.26	156	97697	19.65	ug/l	98
78) n-propylbenzene	11.36	91	416060	20.61	ug/l	99
79) 2-Chlorotoluene	11.42	91	249255	20.26	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	298900	20.24	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	31493	18.24	ug/l	93
82) 4-Chlorotoluene	11.51	91	291356	20.04	ug/l	100
83) tert-Butylbenzene	11.77	119	299552	20.12	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	319159	20.87	ug/l	100
85) sec-Butylbenzene	11.94	105	355373	20.39	ug/l	100
86) p-Isopropyltoluene	12.07	119	317644	20.13	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	175782	18.54	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	183287	18.78	ug/l	99
89) n-Butylbenzene	12.39	91	237387	19.09	ug/l	99
90) Hexachloroethane	12.60	117	42287	17.91	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	160243	18.74	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21118	19.08	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	105502	18.05	ug/l	100
94) Hexachlorobutadiene	13.79	225	49433	16.87	ug/l	100
95) Naphthalene	13.83	128	321237	17.99	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	109488	17.18	ug/l	100

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

