

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122118\
 Data File : VX006722.D
 Acq On : 21 Dec 2018 14:36
 Operator : JC/MD
 Sample : VX1221WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1221WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/22/2018 11:21:01 AM

Quant Time: Dec 22 04:35:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	575091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	889888	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	791492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	394234	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	311683	50.29	ug/l	0.01
Spiked Amount	50.000		Recovery	=	100.58%	
35) Dibromofluoromethane	5.51	113	279800	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
50) Toluene-d8	8.71	98	1046739	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
62) 4-Bromofluorobenzene	11.14	95	373874	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	93930	17.854	ug/l	97
3) Chloromethane	1.33	50	92933	16.396	ug/l	96
4) Vinyl Chloride	1.41	62	111454	18.828	ug/l	99
5) Bromomethane	1.64	94	76845	12.472	ug/l	95
6) Chloroethane	1.73	64	70449	17.187	ug/l	99
7) Trichlorofluoromethane	1.93	101	182277	19.750	ug/l	97
8) Diethyl Ether	2.19	74	72281	19.718	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	105222	19.417	ug/l	98
10) Methyl Iodide	2.51	142	87232	11.245	ug/l	98
11) Tert butyl alcohol	3.07	59	144509	104.471	ug/l	99
12) 1,1-Dichloroethene	2.38	96	99403	19.346	ug/l	97
13) Acrolein	2.30	56	91902	98.486	ug/l	98
14) Allyl chloride	2.73	41	169307	19.575	ug/l	99
15) Acrylonitrile	3.15	53	320973	104.510	ug/l	98
16) Acetone	2.45	43	269758	94.732	ug/l	96
17) Carbon Disulfide	2.57	76	230283	16.935	ug/l	99
18) Methyl Acetate	2.78	43	185880	22.199	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	358303	21.010	ug/l	99
20) Methylene Chloride	2.86	84	111305	18.903	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	106850	18.768	ug/l	95
22) Diisopropyl ether	3.87	45	324403	20.502	ug/l	96
23) Vinyl Acetate	3.82	43	1278433	98.778	ug/l	100
24) 1,1-Dichloroethane	3.70	63	180688	19.130	ug/l	99
25) 2-Butanone	4.71	43	400172	99.906	ug/l	98
26) 2,2-Dichloropropane	4.59	77	110756	15.180	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	122871	19.561	ug/l	99
28) Bromochloromethane	5.01	49	84229	20.044	ug/l	99
29) Tetrahydrofuran	5.16	42	273387	103.628	ug/l	98
30) Chloroform	5.21	83	191760	19.605	ug/l	97
31) Cyclohexane	5.58	56	162265	18.910	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	156796	18.985	ug/l	98
36) 1,1-Dichloropropene	5.80	75	140811	19.105	ug/l	99
37) Ethyl Acetate	4.86	43	156024	20.339	ug/l	99
38) Carbon Tetrachloride	5.78	117	132011	18.430	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	175116	18.047	ug/l	99
40) Benzene	6.14	78	438834	19.588	ug/l	99
41) Methacrylonitrile	5.06	41	84442	20.733	ug/l	99
42) 1,2-Dichloroethane	6.20	62	149397	19.570	ug/l	99
43) Isopropyl Acetate	6.46	43	234733	20.111	ug/l	100
44) Trichloroethene	7.21	130	126487	18.654	ug/l	93
45) 1,2-Dichloropropane	7.52	63	110026	20.181	ug/l	96
46) Dibromomethane	7.66	93	77507	19.328	ug/l	99
47) Bromodichloromethane	7.90	83	123617	18.568	ug/l	98
48) Methyl methacrylate	7.77	41	123677	20.837	ug/l	98
49) 1,4-Dioxane	7.76	88	58440	363.652	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	783551	105.507	ug/l	99
52) Toluene	8.79	92	279186	19.289	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	122746	17.191	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	143503	18.316	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	119808	20.223	ug/l	99
56) Ethyl methacrylate	9.18	69	169572	20.252	ug/l	98
57) 1,3-Dichloropropane	9.37	76	190011	19.935	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	447874	100.625	ug/l	99
59) 2-Hexanone	9.49	43	583994	102.776	ug/l	99
60) Dibromochloromethane	9.59	129	101673	17.971	ug/l	100
61) 1,2-Dibromoethane	9.67	107	124270	19.733	ug/l	99
64) Tetrachloroethene	9.34	164	120466	19.221	ug/l	93
65) Chlorobenzene	10.14	112	326358	19.490	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	106070	20.303	ug/l	98
67) Ethyl Benzene	10.25	91	535887	19.585	ug/l	97
68) m/p-Xylenes	10.36	106	419433	38.847	ug/l	100
69) o-Xylene	10.70	106	207287	19.442	ug/l	98
70) Styrene	10.71	104	329520	19.536	ug/l	99
71) Bromoform	10.86	173	71201	18.222	ug/l #	98
73) Isopropylbenzene	11.02	105	553428	20.520	ug/l	99
74) N-amyl acetate	10.90	43	210325	21.787	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	177418	22.119	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	155783m	21.263	ug/l	
77) Bromobenzene	11.26	156	147813	20.272	ug/l	99
78) n-propylbenzene	11.36	91	596816	20.095	ug/l	100
79) 2-Chlorotoluene	11.42	91	357495	19.863	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	454077	20.441	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	31719	16.292	ug/l #	84
82) 4-Chlorotoluene	11.51	91	410395	19.878	ug/l	100
83) tert-Butylbenzene	11.77	119	455197	20.474	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	456646	19.543	ug/l	99
85) sec-Butylbenzene	11.94	105	549054	20.142	ug/l	100
86) p-Isopropyltoluene	12.07	119	482389	20.131	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	258795	19.693	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	258064	19.156	ug/l	99
89) n-Butylbenzene	12.39	91	400063	19.618	ug/l	99
90) Hexachloroethane	12.60	117	62270	18.804	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	261444	19.888	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	31941	19.246	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	176847	19.503	ug/l	99
94) Hexachlorobutadiene	13.79	225	81638	19.101	ug/l	97
95) Naphthalene	13.83	128	579214	20.013	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	184719	19.730	ug/l	97

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

