

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121318\
 Data File : VX006494.D
 Acq On : 13 Dec 2018 14:51
 Operator : JC/MD
 Sample : VX1213WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBSD01

Manual Integrations
 APPROVED

MMDadoda

Quant Time: Dec 14 00:45:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

12/14/2018 9:35:04 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	519081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	834346	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	764682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	400102	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	284353	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
35) Dibromofluoromethane	5.50	113	261257	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
50) Toluene-d8	8.71	98	950363	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
62) 4-Bromofluorobenzene	11.13	95	367509	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	105024	20.664	ug/l	100
3) Chloromethane	1.33	50	113983	21.823	ug/l	99
4) Vinyl Chloride	1.41	62	123371	21.947	ug/l	96
5) Bromomethane	1.64	94	112952	28.994	ug/l	97
6) Chloroethane	1.73	64	78060	22.648	ug/l	100
7) Trichlorofluoromethane	1.93	101	192227	22.277	ug/l	100
8) Diethyl Ether	2.19	74	75256	23.044	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	110970	22.617	ug/l	96
10) Methyl Iodide	2.51	142	155955	21.091	ug/l	99
11) Tert butyl alcohol	3.07	59	154336	106.501	ug/l	99
12) 1,1-Dichloroethene	2.38	96	105114	22.379	ug/l	89
13) Acrolein	2.29	56	89675	113.218	ug/l	96
14) Allyl chloride	2.73	41	177390	19.119	ug/l	99
15) Acrylonitrile	3.15	53	322630	106.689	ug/l	100
16) Acetone	2.45	43	269113	108.218	ug/l	98
17) Carbon Disulfide	2.57	76	263694	18.219	ug/l	100
18) Methyl Acetate	2.78	43	171893	20.669	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	365292	21.801	ug/l	98
20) Methylene Chloride	2.86	84	117636	22.227	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	113035	22.583	ug/l	92
22) Diisopropyl ether	3.87	45	324094	22.363	ug/l	98
23) Vinyl Acetate	3.82	43	1314196	106.319	ug/l	99
24) 1,1-Dichloroethane	3.70	63	196047	23.667	ug/l	99
25) 2-Butanone	4.70	43	397758	112.099	ug/l	99
26) 2,2-Dichloropropane	4.59	77	142607	18.654	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	129407	23.178	ug/l	97
28) Bromochloromethane	5.02	49	74188	20.504	ug/l	94
29) Tetrahydrofuran	5.15	42	267499	108.473	ug/l	96
30) Chloroform	5.22	83	201328	23.128	ug/l	94
31) Cyclohexane	5.58	56	173601	22.677	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	177821	21.470	ug/l	99
36) 1,1-Dichloropropene	5.80	75	149486	21.276	ug/l	98
37) Ethyl Acetate	4.85	43	153271	19.480	ug/l	98
38) Carbon Tetrachloride	5.78	117	151708	18.354	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	190035	20.837	ug/l	98
40) Benzene	6.14	78	455048	21.624	ug/l	98
41) Methacrylonitrile	5.06	41	84155	19.437	ug/l	97
42) 1,2-Dichloroethane	6.20	62	150838	21.901	ug/l	99
43) Isopropyl Acetate	6.46	43	240543	18.336	ug/l	98
44) Trichloroethene	7.21	130	132507	20.785	ug/l	95
45) 1,2-Dichloropropane	7.52	63	108611	20.308	ug/l	98
46) Dibromomethane	7.66	93	81105	20.997	ug/l	94
47) Bromodichloromethane	7.90	83	135071	18.057	ug/l	98
48) Methyl methacrylate	7.77	41	121941	19.107	ug/l	96
49) 1,4-Dioxane	7.75	88	70359	447.304	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	781067	102.275	ug/l	99
52) Toluene	8.79	92	297516	21.490	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	148102	16.930	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	164508	18.110	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	124022	22.051	ug/l	97
56) Ethyl methacrylate	9.18	69	175660	19.978	ug/l	98
57) 1,3-Dichloropropane	9.37	76	191761	21.561	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	416879	93.431	ug/l	99
59) 2-Hexanone	9.49	43	600606	102.938	ug/l	99
60) Dibromochloromethane	9.59	129	116109	16.741	ug/l	99
61) 1,2-Dibromoethane	9.67	107	132353	21.045	ug/l	98
64) Tetrachloroethene	9.34	164	125393	21.774	ug/l	95
65) Chlorobenzene	10.14	112	347758	21.424	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	117589	18.644	ug/l	99
67) Ethyl Benzene	10.25	91	575227	21.306	ug/l	98
68) m/p-Xylenes	10.36	106	459024	42.445	ug/l	99
69) o-Xylene	10.70	106	228902	21.428	ug/l	100
70) Styrene	10.71	104	360590	20.871	ug/l	99
71) Bromoform	10.86	173	82867	13.919	ug/l #	100
73) Isopropylbenzene	11.02	105	592741	21.452	ug/l	100
74) N-amyl acetate	10.90	43	221968	18.655	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	183198	20.725	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	169773m	21.984	ug/l	
77) Bromobenzene	11.26	156	157879	20.589	ug/l	96
78) n-propylbenzene	11.36	91	653369	21.273	ug/l	99
79) 2-Chlorotoluene	11.42	91	391876	21.467	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	498194	21.671	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	43679	13.273	ug/l #	80
82) 4-Chlorotoluene	11.51	91	450486	21.225	ug/l	99
83) tert-Butylbenzene	11.77	119	512015	20.874	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	512278	21.580	ug/l	100
85) sec-Butylbenzene	11.94	105	605684	21.705	ug/l	100
86) p-Isopropyltoluene	12.06	119	531645	21.158	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	286472	20.996	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	288518	20.834	ug/l	99
89) n-Butylbenzene	12.38	91	441848	20.609	ug/l	99
90) Hexachloroethane	12.60	117	79799	15.582	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	291071	21.495	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36961	16.311	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	198785	20.122	ug/l	99
94) Hexachlorobutadiene	13.78	225	87474	20.022	ug/l	99
95) Naphthalene	13.83	128	647974	21.086	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	201646	20.608	ug/l	98

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

