

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006313.D
 Acq On : 06 Dec 2018 12:58
 Operator : JC/MD
 Sample : VX1206WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/7/2018 11:19:09 AM

Quant Time: Dec 07 05:02:17 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	679334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1015101	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	911270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	454258	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	342724	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
35) Dibromofluoromethane	5.50	113	326943	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	8.71	98	1173572	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
62) 4-Bromofluorobenzene	11.13	95	436762	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	129202	19.424	ug/l	100
3) Chloromethane	1.33	50	123737	18.102	ug/l	97
4) Vinyl Chloride	1.41	62	136138	18.505	ug/l	98
5) Bromomethane	1.64	94	97121	19.049	ug/l	97
6) Chloroethane	1.73	64	87431	19.383	ug/l	97
7) Trichlorofluoromethane	1.93	101	209716	18.571	ug/l	99
8) Diethyl Ether	2.19	74	80890	18.927	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	120348	18.742	ug/l	98
10) Methyl Iodide	2.51	142	158481	16.377	ug/l	99
11) Tert butyl alcohol	3.07	59	170383	89.839	ug/l	98
12) 1,1-Dichloroethene	2.38	96	113395	18.447	ug/l	95
13) Acrolein	2.29	56	92388	89.128	ug/l	100
14) Allyl chloride	2.73	41	214890	17.697	ug/l	98
15) Acrylonitrile	3.15	53	363693	91.897	ug/l	100
16) Acetone	2.45	43	295517	90.802	ug/l	100
17) Carbon Disulfide	2.57	76	308619	16.293	ug/l	99
18) Methyl Acetate	2.78	43	205855	18.914	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	409587	18.678	ug/l	99
20) Methylene Chloride	2.86	84	129827	18.744	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	117180	17.888	ug/l	99
22) Diisopropyl ether	3.87	45	364925	19.240	ug/l	94
23) Vinyl Acetate	3.82	43	1515100	93.658	ug/l	100
24) 1,1-Dichloroethane	3.70	63	207105	19.104	ug/l	98
25) 2-Butanone	4.70	43	437054	94.117	ug/l	97
26) 2,2-Dichloropropane	4.59	77	190515	19.042	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	143523	19.642	ug/l	99
28) Bromochloromethane	5.02	49	100598	21.245	ug/l	99
29) Tetrahydrofuran	5.15	42	298506	92.492	ug/l	97
30) Chloroform	5.21	83	225497	19.794	ug/l	97
31) Cyclohexane	5.58	56	180818	18.048	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	210110	19.384	ug/l	99
36) 1,1-Dichloropropene	5.80	75	158984	18.599	ug/l	100
37) Ethyl Acetate	4.85	43	170773	17.839	ug/l	98
38) Carbon Tetrachloride	5.78	117	188600	18.755	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	204210	18.404	ug/l	99
40) Benzene	6.14	78	496836	19.406	ug/l	100
41) Methacrylonitrile	5.06	41	95944	18.214	ug/l	99
42) 1,2-Dichloroethane	6.20	62	165266	19.723	ug/l	99
43) Isopropyl Acetate	6.46	43	283620	17.770	ug/l	98
44) Trichloroethene	7.21	130	147713	19.045	ug/l	99
45) 1,2-Dichloropropane	7.51	63	124093	19.071	ug/l	100
46) Dibromomethane	7.66	93	89652	19.077	ug/l	98
47) Bromodichloromethane	7.90	83	170060	18.687	ug/l	99
48) Methyl methacrylate	7.77	41	139755	17.999	ug/l	98
49) 1,4-Dioxane	7.75	88	72515	378.921	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	863386	92.923	ug/l	98
52) Toluene	8.79	92	322408	19.141	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	188968	17.755	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	201969	18.275	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	135688	19.829	ug/l	99
56) Ethyl methacrylate	9.18	69	200043	18.700	ug/l	97
57) 1,3-Dichloropropane	9.37	76	210887	19.489	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	504634	92.959	ug/l	98
59) 2-Hexanone	9.49	43	659535	92.910	ug/l	99
60) Dibromochloromethane	9.59	129	155241	18.398	ug/l	99
61) 1,2-Dibromoethane	9.67	107	142934	18.681	ug/l	99
64) Tetrachloroethene	9.34	164	136337	19.866	ug/l	96
65) Chlorobenzene	10.14	112	372727	19.268	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	140745	18.726	ug/l	99
67) Ethyl Benzene	10.25	91	609930	18.958	ug/l	98
68) m/p-Xylenes	10.36	106	488111	37.874	ug/l	100
69) o-Xylene	10.70	106	238492	18.735	ug/l	99
70) Styrene	10.71	104	384963	18.698	ug/l	98
71) Bromoform	10.86	173	120025	16.917	ug/l	99
73) Isopropylbenzene	11.02	105	634330	20.221	ug/l	99
74) N-amyl acetate	10.90	43	251350	18.606	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	200956	20.023	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	191513m	21.842	ug/l	
77) Bromobenzene	11.26	156	174349	20.027	ug/l	99
78) n-propylbenzene	11.36	91	689417	19.770	ug/l	100
79) 2-Chlorotoluene	11.42	91	413714	19.961	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	522527	20.019	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	67174	17.979	ug/l	94
82) 4-Chlorotoluene	11.51	91	473253	19.639	ug/l	100
83) tert-Butylbenzene	11.77	119	566165	20.330	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	539684	20.024	ug/l	99
85) sec-Butylbenzene	11.94	105	640256	20.209	ug/l	100
86) p-Isopropyltoluene	12.07	119	566312	19.851	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	301844	19.485	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	304114	19.342	ug/l	98
89) n-Butylbenzene	12.39	91	463480	19.040	ug/l	99
90) Hexachloroethane	12.60	117	107320	18.458	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	306664	19.947	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46641	18.129	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	212752	18.968	ug/l	99
94) Hexachlorobutadiene	13.78	225	99250	20.009	ug/l	100
95) Naphthalene	13.83	128	685689	19.653	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	212766	19.152	ug/l	99

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

