

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006374.D
 Acq On : 10 Dec 2018 17:05
 Operator : JC/MD
 Sample : VX1210WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 10:54:48 AM

Quant Time: Dec 11 04:34:21 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	610444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	939525	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	843106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	437629	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	326554	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
35) Dibromofluoromethane	5.51	113	309048	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
50) Toluene-d8	8.71	98	1106683	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
62) 4-Bromofluorobenzene	11.13	95	419512	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	121661	20.355	ug/l	99
3) Chloromethane	1.33	50	117295	19.096	ug/l	96
4) Vinyl Chloride	1.41	62	125383	18.967	ug/l	96
5) Bromomethane	1.64	94	104202	22.745	ug/l	100
6) Chloroethane	1.72	64	80626	19.892	ug/l	97
7) Trichlorofluoromethane	1.93	101	199303	19.641	ug/l	99
8) Diethyl Ether	2.19	74	75110	19.557	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	114254	19.801	ug/l	98
10) Methyl Iodide	2.51	142	163186	18.766	ug/l	99
11) Tert butyl alcohol	3.07	59	173533	101.826	ug/l	99
12) 1,1-Dichloroethene	2.37	96	106985	19.368	ug/l	92
13) Acrolein	2.30	56	91508	98.241	ug/l	99
14) Allyl chloride	2.73	41	190524	17.461	ug/l	98
15) Acrylonitrile	3.15	53	347640	97.754	ug/l	99
16) Acetone	2.45	43	291953	99.831	ug/l	99
17) Carbon Disulfide	2.57	76	279879	16.443	ug/l	99
18) Methyl Acetate	2.78	43	198231	20.269	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	387399	19.660	ug/l	99
20) Methylene Chloride	2.86	84	119020	19.123	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	112175	19.057	ug/l	93
22) Diisopropyl ether	3.87	45	345719	20.285	ug/l	99
23) Vinyl Acetate	3.82	43	1420610	97.727	ug/l	97
24) 1,1-Dichloroethane	3.70	63	197287	20.252	ug/l	99
25) 2-Butanone	4.70	43	422228	101.186	ug/l	98
26) 2,2-Dichloropropane	4.59	77	162555	18.081	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	136433	20.779	ug/l	95
28) Bromochloromethane	5.02	49	89314	20.990	ug/l	98
29) Tetrahydrofuran	5.15	42	284706	98.171	ug/l	96
30) Chloroform	5.21	83	212559	20.764	ug/l	96
31) Cyclohexane	5.57	56	166116	18.452	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	195834	20.106	ug/l	100
36) 1,1-Dichloropropene	5.80	75	148862	18.815	ug/l	100
37) Ethyl Acetate	4.85	43	165969	18.732	ug/l	99
38) Carbon Tetrachloride	5.79	117	172176	18.499	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	188118	18.318	ug/l	97
40) Benzene	6.15	78	469898	19.830	ug/l	97
41) Methacrylonitrile	5.06	41	90024	18.465	ug/l	97
42) 1,2-Dichloroethane	6.20	62	155612	20.065	ug/l	99
43) Isopropyl Acetate	6.46	43	265821	17.994	ug/l	99
44) Trichloroethene	7.21	130	137830	19.200	ug/l	96
45) 1,2-Dichloropropane	7.51	63	115096	19.111	ug/l	100
46) Dibromomethane	7.66	93	83213	19.131	ug/l	98
47) Bromodichloromethane	7.90	83	157836	18.738	ug/l	98
48) Methyl methacrylate	7.77	41	132669	18.461	ug/l	98
49) 1,4-Dioxane	7.75	88	74658	421.500	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	829992	96.514	ug/l	97
52) Toluene	8.79	92	303894	19.493	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	167222	16.975	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	186140	18.197	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	128088	20.224	ug/l	100
56) Ethyl methacrylate	9.18	69	192940	19.486	ug/l	96
57) 1,3-Dichloropropane	9.37	76	198831	19.853	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	489070	97.339	ug/l	99
59) 2-Hexanone	9.49	43	640276	97.452	ug/l	100
60) Dibromochloromethane	9.59	129	140386	17.976	ug/l	100
61) 1,2-Dibromoethane	9.67	107	137402	19.402	ug/l	100
64) Tetrachloroethene	9.34	164	124353	19.585	ug/l	98
65) Chlorobenzene	10.14	112	361624	20.206	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	131333	18.887	ug/l	99
67) Ethyl Benzene	10.25	91	590057	19.823	ug/l	99
68) m/p-Xylenes	10.36	106	468411	39.284	ug/l	100
69) o-Xylene	10.70	106	234777	19.934	ug/l	100
70) Styrene	10.71	104	374104	19.639	ug/l	99
71) Bromoform	10.86	173	109599	16.696	ug/l	99
73) Isopropylbenzene	11.02	105	619379	20.494	ug/l	100
74) N-amyl acetate	10.90	43	240220	18.458	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	198721	20.553	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	184303m	21.819	ug/l	
77) Bromobenzene	11.26	156	167535	19.975	ug/l	98
78) n-propylbenzene	11.36	91	665770	19.818	ug/l	100
79) 2-Chlorotoluene	11.42	91	405933	20.330	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	505844	20.117	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	57488	15.971	ug/l	90
82) 4-Chlorotoluene	11.51	91	463770	19.977	ug/l	100
83) tert-Butylbenzene	11.77	119	541784	20.194	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	523239	20.152	ug/l	100
85) sec-Butylbenzene	11.94	105	623740	20.436	ug/l	100
86) p-Isopropyltoluene	12.07	119	552050	20.086	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	299812	20.090	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	295971	19.540	ug/l	97
89) n-Butylbenzene	12.39	91	447271	19.073	ug/l	99
90) Hexachloroethane	12.60	117	100538	17.948	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	305740	20.642	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45243	18.254	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	211725	19.594	ug/l	100
94) Hexachlorobutadiene	13.78	225	94506	19.776	ug/l	98
95) Naphthalene	13.83	128	681560	20.277	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	212139	19.821	ug/l	99

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

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