

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121318\
 Data File : VX006489.D
 Acq On : 13 Dec 2018 12:06
 Operator : JC/MD
 Sample : VX1213WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/14/2018 9:34:59 AM

Quant Time: Dec 14 00:31:22 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	532387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	844736	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	762933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	400804	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	288229	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
35) Dibromofluoromethane	5.50	113	263707	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
50) Toluene-d8	8.71	98	955414	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
62) 4-Bromofluorobenzene	11.13	95	374532	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	107119	20.549	ug/l	99
3) Chloromethane	1.33	50	115772	21.612	ug/l	98
4) Vinyl Chloride	1.41	62	121197	21.022	ug/l	98
5) Bromomethane	1.64	94	113193	28.329	ug/l	99
6) Chloroethane	1.73	64	78150	22.108	ug/l	98
7) Trichlorofluoromethane	1.93	101	191211	21.606	ug/l	97
8) Diethyl Ether	2.19	74	72792	21.733	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	113410	22.537	ug/l	99
10) Methyl Iodide	2.51	142	169208	22.312	ug/l	99
11) Tert butyl alcohol	3.07	59	159595	107.377	ug/l	100
12) 1,1-Dichloroethene	2.38	96	105073	21.811	ug/l	88
13) Acrolein	2.29	56	88362	108.772	ug/l	96
14) Allyl chloride	2.73	41	175240	18.415	ug/l	97
15) Acrylonitrile	3.15	53	322537	103.992	ug/l	100
16) Acetone	2.45	43	286151	112.193	ug/l	95
17) Carbon Disulfide	2.57	76	264430	17.813	ug/l	98
18) Methyl Acetate	2.78	43	173608	20.354	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	358861	20.882	ug/l	98
20) Methylene Chloride	2.86	84	116474	21.457	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	111436	21.707	ug/l	94
22) Diisopropyl ether	3.87	45	320603	21.569	ug/l	94
23) Vinyl Acetate	3.82	43	1312893	103.559	ug/l	98
24) 1,1-Dichloroethane	3.70	63	192712	22.683	ug/l	98
25) 2-Butanone	4.70	43	397970	109.355	ug/l	100
26) 2,2-Dichloropropane	4.59	77	156598	19.972	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	128302	22.406	ug/l	98
28) Bromochloromethane	5.02	49	82574	22.252	ug/l	98
29) Tetrahydrofuran	5.15	42	264597	104.614	ug/l	96
30) Chloroform	5.21	83	198504	22.234	ug/l	97
31) Cyclohexane	5.58	56	173998	22.161	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	173189	20.388	ug/l	98
36) 1,1-Dichloropropene	5.80	75	145604	20.469	ug/l	99
37) Ethyl Acetate	4.85	43	152170	19.102	ug/l	97
38) Carbon Tetrachloride	5.78	117	150125	17.939	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	194947	21.113	ug/l	99
40) Benzene	6.15	78	454097	21.313	ug/l	99
41) Methacrylonitrile	5.06	41	83515	19.052	ug/l	98
42) 1,2-Dichloroethane	6.20	62	150772	21.622	ug/l	99
43) Isopropyl Acetate	6.46	43	240003	18.070	ug/l	99
44) Trichloroethene	7.21	130	132858	20.584	ug/l	96
45) 1,2-Dichloropropane	7.52	63	109602	20.241	ug/l	98
46) Dibromomethane	7.66	93	79726	20.386	ug/l	94
47) Bromodichloromethane	7.90	83	135644	17.911	ug/l	100
48) Methyl methacrylate	7.77	41	121294	18.772	ug/l	96
49) 1,4-Dioxane	7.75	88	70617	443.423	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	773556	100.045	ug/l	98
52) Toluene	8.79	92	300058	21.407	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	146688	16.562	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	167960	18.263	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	122000	21.424	ug/l	97
56) Ethyl methacrylate	9.18	69	177240	19.909	ug/l	97
57) 1,3-Dichloropropane	9.37	76	193240	21.460	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	413813	91.603	ug/l	100
59) 2-Hexanone	9.49	43	603849	102.221	ug/l	98
60) Dibromochloromethane	9.59	129	116466	16.586	ug/l	99
61) 1,2-Dibromoethane	9.67	107	131404	20.637	ug/l	99
64) Tetrachloroethene	9.34	164	122072	21.246	ug/l	97
65) Chlorobenzene	10.14	112	346751	21.410	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	116415	18.501	ug/l	99
67) Ethyl Benzene	10.25	91	573105	21.276	ug/l	99
68) m/p-Xylenes	10.36	106	462060	42.824	ug/l	98
69) o-Xylene	10.70	106	228122	21.404	ug/l	100
70) Styrene	10.71	104	359493	20.855	ug/l	98
71) Bromoform	10.86	173	83011	13.975	ug/l #	98
73) Isopropylbenzene	11.02	105	597878	21.600	ug/l	100
74) N-amyl acetate	10.90	43	222065	18.631	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	183053	20.672	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	169068m	21.854	ug/l	
77) Bromobenzene	11.26	156	156896	20.425	ug/l	96
78) n-propylbenzene	11.36	91	660869	21.479	ug/l	100
79) 2-Chlorotoluene	11.42	91	394925	21.596	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	491808	21.355	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	46155	14.001	ug/l #	82
82) 4-Chlorotoluene	11.51	91	454933	21.397	ug/l	99
83) tert-Butylbenzene	11.77	119	512035	20.838	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	512753	21.562	ug/l	99
85) sec-Butylbenzene	11.94	105	598902	21.425	ug/l	99
86) p-Isopropyltoluene	12.06	119	532769	21.166	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	289429	21.176	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	288178	20.773	ug/l	97
89) n-Butylbenzene	12.39	91	447284	20.826	ug/l	99
90) Hexachloroethane	12.60	117	79352	15.468	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	291178	21.465	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38015	16.747	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	203279	20.540	ug/l	98
94) Hexachlorobutadiene	13.78	225	89483	20.446	ug/l	99
95) Naphthalene	13.83	128	636215	20.667	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	201734	20.580	ug/l	99

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

