

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121818\
 Data File : VX006596.D
 Acq On : 18 Dec 2018 14:31
 Operator : JC/MD
 Sample : VX1218WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/19/2018 11:22:28 AM

Quant Time: Dec 19 06:13:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	633037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	952616	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	876536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	462774	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	332545	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
35) Dibromofluoromethane	5.49	113	298970	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	8.71	98	1130345	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
62) 4-Bromofluorobenzene	11.13	95	425518	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	114184	19.717	ug/l	98
3) Chloromethane	1.33	50	124979	20.031	ug/l	96
4) Vinyl Chloride	1.41	62	125762	19.300	ug/l	97
5) Bromomethane	1.64	94	135575	21.191	ug/l	99
6) Chloroethane	1.72	64	80577	17.859	ug/l	99
7) Trichlorofluoromethane	1.93	101	198095	19.499	ug/l	99
8) Diethyl Ether	2.19	74	74430	18.445	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	117673	19.727	ug/l	99
10) Methyl Iodide	2.51	142	146171	17.119	ug/l	97
11) Tert butyl alcohol	3.07	59	147433	96.829	ug/l	99
12) 1,1-Dichloroethene	2.37	96	107356	18.981	ug/l	93
13) Acrolein	2.29	56	89988	87.608	ug/l	99
14) Allyl chloride	2.73	41	181240	19.037	ug/l	99
15) Acrylonitrile	3.15	53	322259	95.324	ug/l	100
16) Acetone	2.45	43	298873	95.349	ug/l	96
17) Carbon Disulfide	2.57	76	267425	17.867	ug/l	98
18) Methyl Acetate	2.78	43	177227	19.228	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	364958	19.441	ug/l	100
20) Methylene Chloride	2.85	84	120739	18.628	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	111333	17.765	ug/l	99
22) Diisopropyl ether	3.87	45	339535	19.495	ug/l	98
23) Vinyl Acetate	3.82	43	1403091	98.486	ug/l	97
24) 1,1-Dichloroethane	3.70	63	200875	19.320	ug/l	99
25) 2-Butanone	4.70	43	418509	94.920	ug/l	98
26) 2,2-Dichloropropane	4.59	77	154818	19.277	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	132799	19.206	ug/l	99
28) Bromochloromethane	5.01	49	91191	19.683	ug/l	99
29) Tetrahydrofuran	5.15	42	271812	93.600	ug/l	98
30) Chloroform	5.21	83	204075	18.954	ug/l	92
31) Cyclohexane	5.57	56	183043	19.379	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	175358	19.289	ug/l	99
36) 1,1-Dichloropropene	5.79	75	158357	20.071	ug/l	100
37) Ethyl Acetate	4.85	43	157299	19.155	ug/l	98
38) Carbon Tetrachloride	5.78	117	146676	19.129	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	208623	20.085	ug/l	97
40) Benzene	6.14	78	473403	19.739	ug/l	99
41) Methacrylonitrile	5.06	41	86703	18.789	ug/l	97
42) 1,2-Dichloroethane	6.20	62	157544	19.278	ug/l	98
43) Isopropyl Acetate	6.46	43	248411	19.881	ug/l	99
44) Trichloroethene	7.21	130	140944	19.417	ug/l	92
45) 1,2-Dichloropropane	7.51	63	113305	19.414	ug/l	98
46) Dibromomethane	7.66	93	83837	19.530	ug/l	95
47) Bromodichloromethane	7.90	83	133289	18.702	ug/l	99
48) Methyl methacrylate	7.77	41	128784	20.268	ug/l	99
49) 1,4-Dioxane	7.75	88	70799	414.219	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	804203	101.157	ug/l	99
52) Toluene	8.78	92	310176	20.019	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	147962	19.358	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	165013	19.675	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	127008	20.027	ug/l	98
56) Ethyl methacrylate	9.18	69	181122	20.207	ug/l	98
57) 1,3-Dichloropropane	9.37	76	203744	19.968	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	466112	97.827	ug/l	99
59) 2-Hexanone	9.49	43	624206	102.619	ug/l	100
60) Dibromochloromethane	9.58	129	113138	18.588	ug/l	98
61) 1,2-Dibromoethane	9.67	107	134945	20.017	ug/l	99
64) Tetrachloroethene	9.34	164	137706	19.840	ug/l	97
65) Chlorobenzene	10.13	112	369117	19.905	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	116003	20.050	ug/l	99
67) Ethyl Benzene	10.25	91	603134	19.904	ug/l	99
68) m/p-Xylenes	10.36	106	482901	40.386	ug/l	99
69) o-Xylene	10.69	106	238563	20.205	ug/l	99
70) Styrene	10.71	104	375102	20.080	ug/l	99
71) Bromoform	10.85	173	80105	18.440	ug/l #	100
73) Isopropylbenzene	11.02	105	627514	19.821	ug/l	100
74) N-amyl acetate	10.90	43	222474	19.632	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	188366	20.006	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	171726m	21.172	ug/l	
77) Bromobenzene	11.26	156	168440	19.679	ug/l	97
78) n-propylbenzene	11.36	91	704308	20.202	ug/l	100
79) 2-Chlorotoluene	11.42	91	413479	19.571	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	522120	20.023	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	40577	17.375	ug/l #	74
82) 4-Chlorotoluene	11.51	91	486571	20.077	ug/l	100
83) tert-Butylbenzene	11.77	119	516454	19.789	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	538457	19.631	ug/l	100
85) sec-Butylbenzene	11.94	105	648734	20.274	ug/l	100
86) p-Isopropyltoluene	12.06	119	570604	20.286	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	309587	20.069	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	308647	19.495	ug/l	98
89) n-Butylbenzene	12.38	91	486576	20.326	ug/l	99
90) Hexachloroethane	12.60	117	72541	18.686	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	307091	19.901	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36238	18.601	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	213553	20.063	ug/l	99
94) Hexachlorobutadiene	13.78	225	99060	19.744	ug/l	99
95) Naphthalene	13.83	128	651038	19.163	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	213625	19.438	ug/l	99

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

