

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120518\
 Data File : VX006296.D
 Acq On : 05 Dec 2018 13:18
 Operator : JC/MD
 Sample : VX1205WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/7/2018 10:42:01 AM

Quant Time: Dec 06 00:37:12 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	5.66	168	700068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1058367	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	951466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	464106	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	354119	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
35) Dibromofluoromethane	5.51	113	337377	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
50) Toluene-d8	8.71	98	1230150	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
62) 4-Bromofluorobenzene	11.13	95	459078	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	142443	20.781	ug/l	99
3) Chloromethane	1.33	50	129726	18.416	ug/l	96
4) Vinyl Chloride	1.41	62	143794	18.967	ug/l	96
5) Bromomethane	1.64	94	100228	19.076	ug/l	100
6) Chloroethane	1.72	64	96471	20.754	ug/l	94
7) Trichlorofluoromethane	1.93	101	224379	19.281	ug/l	100
8) Diethyl Ether	2.19	74	86357	19.607	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	129943	19.637	ug/l	99
10) Methyl Iodide	2.51	142	153514	15.394	ug/l	99
11) Tert butyl alcohol	3.07	59	181969	93.106	ug/l	99
12) 1,1-Dichloroethene	2.37	96	118660	18.732	ug/l	96
13) Acrolein	2.29	56	101247	94.781	ug/l	99
14) Allyl chloride	2.73	41	232252	18.560	ug/l	98
15) Acrylonitrile	3.15	53	389410	95.481	ug/l	100
16) Acetone	2.45	43	322217	96.074	ug/l	98
17) Carbon Disulfide	2.57	76	345996	17.725	ug/l	98
18) Methyl Acetate	2.78	43	221627	19.760	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	439641	19.455	ug/l	99
20) Methylene Chloride	2.86	84	135287	18.954	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	127815	18.934	ug/l	96
22) Diisopropyl ether	3.87	45	388441	19.874	ug/l	97
23) Vinyl Acetate	3.82	43	1621296	97.254	ug/l	100
24) 1,1-Dichloroethane	3.70	63	223113	19.971	ug/l	99
25) 2-Butanone	4.70	43	471494	98.527	ug/l	99
26) 2,2-Dichloropropane	4.59	77	200673	19.463	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	152764	20.288	ug/l	97
28) Bromochloromethane	5.01	49	91721	18.796	ug/l	97
29) Tetrahydrofuran	5.15	42	319894	96.183	ug/l	99
30) Chloroform	5.21	83	237822	20.257	ug/l	100
31) Cyclohexane	5.57	56	199161	19.290	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	219651	19.664	ug/l	99
36) 1,1-Dichloropropene	5.80	75	170243	19.102	ug/l	99
37) Ethyl Acetate	4.85	43	187174	18.753	ug/l	99
38) Carbon Tetrachloride	5.79	117	200303	19.104	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	220285	19.041	ug/l	96
40) Benzene	6.14	78	523679	19.618	ug/l	98
41) Methacrylonitrile	5.06	41	101170	18.421	ug/l	98
42) 1,2-Dichloroethane	6.20	62	173816	19.896	ug/l	99
43) Isopropyl Acetate	6.46	43	303409	18.233	ug/l	99
44) Trichloroethene	7.21	130	157576	19.486	ug/l	99
45) 1,2-Dichloropropane	7.52	63	132433	19.520	ug/l	99
46) Dibromomethane	7.66	93	95762	19.544	ug/l	98
47) Bromodichloromethane	7.90	83	179811	18.950	ug/l	98
48) Methyl methacrylate	7.77	41	148947	18.398	ug/l	97
49) 1,4-Dioxane	7.75	88	77622	389.026	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	919299	94.896	ug/l	98
52) Toluene	8.78	92	347117	19.765	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	202735	18.270	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	215442	18.697	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	142682	19.999	ug/l	99
56) Ethyl methacrylate	9.18	69	217296	19.482	ug/l	97
57) 1,3-Dichloropropane	9.37	76	226164	20.047	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	543067	95.949	ug/l	99
59) 2-Hexanone	9.49	43	692938	93.625	ug/l	100
60) Dibromochloromethane	9.59	129	167777	19.071	ug/l	99
61) 1,2-Dibromoethane	9.67	107	155102	19.442	ug/l	100
64) Tetrachloroethene	9.34	164	145815	20.350	ug/l	97
65) Chlorobenzene	10.14	112	405204	20.062	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	155130	19.768	ug/l	99
67) Ethyl Benzene	10.25	91	662332	19.717	ug/l	99
68) m/p-Xylenes	10.36	106	529091	39.320	ug/l	100
69) o-Xylene	10.70	106	262402	19.742	ug/l	99
70) Styrene	10.71	104	421459	19.605	ug/l	100
71) Bromoform	10.86	173	131284	17.722	ug/l #	100
73) Isopropylbenzene	11.02	105	681743	21.271	ug/l	99
74) N-amyl acetate	10.90	43	264358	19.154	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	212830	20.756	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	204620m	22.842	ug/l	
77) Bromobenzene	11.26	156	187095	21.035	ug/l	100
78) n-propylbenzene	11.36	91	749264	21.031	ug/l	100
79) 2-Chlorotoluene	11.42	91	448391	21.175	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	562421	21.091	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	71144	18.638	ug/l	94
82) 4-Chlorotoluene	11.51	91	507765	20.624	ug/l	100
83) tert-Butylbenzene	11.77	119	604978	21.263	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	569909	20.697	ug/l	99
85) sec-Butylbenzene	11.94	105	679197	20.983	ug/l	100
86) p-Isopropyltoluene	12.06	119	603919	20.720	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	321792	20.332	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	317782	19.783	ug/l	97
89) n-Butylbenzene	12.39	91	499012	20.065	ug/l	99
90) Hexachloroethane	12.60	117	115210	19.394	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	318495	20.277	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49009	18.646	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	225716	19.697	ug/l	99
94) Hexachlorobutadiene	13.78	225	104791	20.677	ug/l	99
95) Naphthalene	13.83	128	725020	20.339	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	229982	20.262	ug/l	98

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

