

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041719\
 Data File : VX009008.D
 Acq On : 17 Apr 2019 12:41
 Operator : JC/SP
 Sample : VX0417WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/18/2019 10:16:01 AM

Quant Time: Apr 18 01:55:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	214269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	352754	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	312487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145771	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	162277	53.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.48%	
35) Dibromofluoromethane	5.49	113	117473	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
50) Toluene-d8	8.71	98	484972	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
62) 4-Bromofluorobenzene	11.13	95	171645	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	52306	21.194	ug/l	99
3) Chloromethane	1.32	50	66594	21.979	ug/l	99
4) Vinyl Chloride	1.41	62	61791	20.953	ug/l	98
5) Bromomethane	1.64	94	34132	20.909	ug/l	98
6) Chloroethane	1.72	64	36900	21.279	ug/l	94
7) Trichlorofluoromethane	1.93	101	68971	20.032	ug/l	98
8) Diethyl Ether	2.19	74	31800	20.195	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43829	19.910	ug/l	98
10) Methyl Iodide	2.51	142	46840	22.157	ug/l	98
11) Tert butyl alcohol	3.04	59	72979	108.878	ug/l	99
12) 1,1-Dichloroethene	2.37	96	44757	19.478	ug/l	99
13) Acrolein	2.29	56	47420	81.878	ug/l	98
14) Allyl chloride	2.73	41	104802	20.906	ug/l	100
15) Acrylonitrile	3.14	53	176432	103.692	ug/l	99
16) Acetone	2.44	43	157683	100.696	ug/l	98
17) Carbon Disulfide	2.57	76	130491	20.094	ug/l	99
18) Methyl Acetate	2.77	43	79207	20.267	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	168632	20.597	ug/l	99
20) Methylene Chloride	2.85	84	53477	19.970	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	48548	19.809	ug/l	98
22) Diisopropyl ether	3.85	45	205216	21.067	ug/l	99
23) Vinyl Acetate	3.81	43	915950	106.967	ug/l	99
24) 1,1-Dichloroethane	3.70	63	101172	20.690	ug/l	99
25) 2-Butanone	4.67	43	263562	105.297	ug/l	98
26) 2,2-Dichloropropane	4.58	77	68740	18.754	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	55739	20.031	ug/l	100
28) Bromochloromethane	5.01	49	42136	19.571	ug/l	99
29) Tetrahydrofuran	5.13	42	175889	104.988	ug/l	99
30) Chloroform	5.21	83	89655	20.489	ug/l	99
31) Cyclohexane	5.58	56	98248	20.428	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	74655	20.585	ug/l	99
36) 1,1-Dichloropropene	5.80	75	69970	19.179	ug/l	100
37) Ethyl Acetate	4.84	43	98352	20.951	ug/l	99
38) Carbon Tetrachloride	5.78	117	60882	19.685	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	85322	19.209	ug/l	99
40) Benzene	6.14	78	215992	20.069	ug/l	100
41) Methacrylonitrile	5.04	41	56682	21.038	ug/l	98
42) 1,2-Dichloroethane	6.19	62	76413	20.043	ug/l	100
43) Isopropyl Acetate	6.45	43	155023	20.492	ug/l	99
44) Trichloroethene	7.21	130	51034	19.353	ug/l	99
45) 1,2-Dichloropropane	7.51	63	60653	20.314	ug/l	100
46) Dibromomethane	7.66	93	34512	19.861	ug/l	99
47) Bromodichloromethane	7.90	83	68303	20.041	ug/l	100
48) Methyl methacrylate	7.77	41	76988	20.596	ug/l	99
49) 1,4-Dioxane	7.74	88	30135	430.723	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	515449	106.949	ug/l	99
52) Toluene	8.78	92	131277	20.352	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	77411	19.736	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	86825	19.769	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	51687	20.219	ug/l	97
56) Ethyl methacrylate	9.18	69	95864	20.913	ug/l	99
57) 1,3-Dichloropropane	9.37	76	92543	20.332	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	261697	106.018	ug/l	99
59) 2-Hexanone	9.49	43	398562	107.262	ug/l	99
60) Dibromochloromethane	9.58	129	50020	20.416	ug/l	99
61) 1,2-Dibromoethane	9.67	107	52921	20.058	ug/l	98
64) Tetrachloroethene	9.34	164	46729	19.684	ug/l	99
65) Chlorobenzene	10.13	112	133285	20.208	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	47237	20.329	ug/l	98
67) Ethyl Benzene	10.25	91	243755	20.216	ug/l	100
68) m/p-Xylenes	10.36	106	178271	40.683	ug/l	100
69) o-Xylene	10.69	106	86009	20.172	ug/l	98
70) Styrene	10.71	104	149437	20.225	ug/l	99
71) Bromoform	10.85	173	35810	19.345	ug/l #	97
73) Isopropylbenzene	11.02	105	230973	20.904	ug/l	100
74) N-amyl acetate	10.90	43	136219	21.471	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	85916	21.281	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	74972m	21.063	ug/l	
77) Bromobenzene	11.26	156	56633	20.314	ug/l	98
78) n-propylbenzene	11.36	91	264356	20.845	ug/l	100
79) 2-Chlorotoluene	11.42	91	158677	20.763	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	193755	20.897	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	27132	19.569	ug/l	93
82) 4-Chlorotoluene	11.51	91	180919	20.384	ug/l	100
83) tert-Butylbenzene	11.77	119	184214	20.694	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	195944	20.761	ug/l	99
85) sec-Butylbenzene	11.94	105	220077	20.728	ug/l	99
86) p-Isopropyltoluene	12.06	119	199872	20.476	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	97503	19.983	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	97360	19.684	ug/l	99
89) n-Butylbenzene	12.38	91	180511	19.857	ug/l	100
90) Hexachloroethane	12.60	117	32928	20.450	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	97957	20.331	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18737	20.384	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	68703	19.753	ug/l	98
94) Hexachlorobutadiene	13.78	225	34863	20.098	ug/l	99
95) Naphthalene	13.83	128	222368	19.956	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	67525	19.677	ug/l	100

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

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