

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041519\
 Data File : VX008960.D
 Acq On : 15 Apr 2019 15:13
 Operator : JC/SP
 Sample : VX0415WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/16/2019 10:53:22 AM

Quant Time: Apr 16 03:45:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 02:27:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	251255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	394622	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	352297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	167635	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	175842	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
35) Dibromofluoromethane	5.49	113	129426	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
50) Toluene-d8	8.71	98	538233	53.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.58%	
62) 4-Bromofluorobenzene	11.13	95	192447	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	64328	22.228	ug/l	99
3) Chloromethane	1.32	50	76244	21.460	ug/l	98
4) Vinyl Chloride	1.41	62	71750	20.749	ug/l	99
5) Bromomethane	1.64	94	41968	21.738	ug/l	99
6) Chloroethane	1.72	64	43250	21.269	ug/l	96
7) Trichlorofluoromethane	1.93	101	84382	20.900	ug/l	99
8) Diethyl Ether	2.18	74	36648	19.848	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52576	20.367	ug/l	99
10) Methyl Iodide	2.51	142	51510	21.054	ug/l	100
11) Tert butyl alcohol	3.04	59	81744	104.002	ug/l	100
12) 1,1-Dichloroethene	2.37	96	51519	19.121	ug/l	97
13) Acrolein	2.29	56	48251	71.049	ug/l	97
14) Allyl chloride	2.73	41	122199	20.788	ug/l	99
15) Acrylonitrile	3.14	53	202492	101.489	ug/l	100
16) Acetone	2.44	43	181787	99.000	ug/l	97
17) Carbon Disulfide	2.57	76	159937	20.946	ug/l	99
18) Methyl Acetate	2.77	43	87818	19.163	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	195960	20.411	ug/l	99
20) Methylene Chloride	2.85	84	62405	19.873	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	56981	19.827	ug/l	98
22) Diisopropyl ether	3.85	45	239396	20.958	ug/l	91
23) Vinyl Acetate	3.81	43	1060958	105.662	ug/l	99
24) 1,1-Dichloroethane	3.70	63	116685	20.350	ug/l	99
25) 2-Butanone	4.67	43	303086	103.263	ug/l	99
26) 2,2-Dichloropropane	4.58	77	88683	20.633	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	65420	20.049	ug/l	99
28) Bromochloromethane	5.01	49	47040	18.537	ug/l	100
29) Tetrahydrofuran	5.12	42	199119	101.358	ug/l	99
30) Chloroform	5.21	83	104710	20.407	ug/l	100
31) Cyclohexane	5.57	56	118902	21.083	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	87098	20.481	ug/l	99
36) 1,1-Dichloropropene	5.79	75	83502	20.460	ug/l	99
37) Ethyl Acetate	4.83	43	113650	21.641	ug/l	100
38) Carbon Tetrachloride	5.78	117	72657	20.999	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	109135	21.963	ug/l	98
40) Benzene	6.14	78	252690	20.988	ug/l	99
41) Methacrylonitrile	5.04	41	63543	21.082	ug/l	98
42) 1,2-Dichloroethane	6.18	62	90084	21.122	ug/l	99
43) Isopropyl Acetate	6.44	43	178332	21.072	ug/l	100
44) Trichloroethene	7.21	130	60319	20.447	ug/l	97
45) 1,2-Dichloropropane	7.51	63	70603	21.137	ug/l	99
46) Dibromomethane	7.66	93	40197	20.678	ug/l	100
47) Bromodichloromethane	7.90	83	80275	21.055	ug/l	99
48) Methyl methacrylate	7.76	41	90323	21.600	ug/l	99
49) 1,4-Dioxane	7.73	88	33483	427.801	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	583368	108.200	ug/l	100
52) Toluene	8.78	92	152687	21.160	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	92876	21.166	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	102931	20.950	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	61389	21.466	ug/l	95
56) Ethyl methacrylate	9.18	69	112048	21.851	ug/l	100
57) 1,3-Dichloropropane	9.37	76	107069	21.027	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	201359	72.919	ug/l	100
59) 2-Hexanone	9.49	43	454119	109.247	ug/l	99
60) Dibromochloromethane	9.58	129	59163	21.585	ug/l	99
61) 1,2-Dibromoethane	9.67	107	62618	21.215	ug/l	100
64) Tetrachloroethene	9.34	164	56913	21.265	ug/l	97
65) Chlorobenzene	10.13	112	155393	20.897	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	54830	20.931	ug/l	100
67) Ethyl Benzene	10.25	91	292866	21.545	ug/l	99
68) m/p-Xylenes	10.35	106	210727	42.656	ug/l	99
69) o-Xylene	10.69	106	101325	21.079	ug/l	97
70) Styrene	10.71	104	179136	21.505	ug/l	100
71) Bromoform	10.85	173	43437	20.813	ug/l #	99
73) Isopropylbenzene	11.02	105	277986	21.877	ug/l	100
74) N-amyl acetate	10.90	43	155869	21.364	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	97839	21.074	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	87580m	21.396	ug/l	
77) Bromobenzene	11.25	156	67314	20.997	ug/l	99
78) n-propylbenzene	11.36	91	320762	21.994	ug/l	100
79) 2-Chlorotoluene	11.42	91	189675	21.582	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	234625	22.004	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	33130	20.779	ug/l	94
82) 4-Chlorotoluene	11.51	91	218231	21.381	ug/l	100
83) tert-Butylbenzene	11.77	119	220225	21.512	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	233606	21.523	ug/l	100
85) sec-Butylbenzene	11.94	105	271019	22.197	ug/l	100
86) p-Isopropyltoluene	12.06	119	246898	21.995	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	119369	21.274	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	119864	21.073	ug/l	99
89) n-Butylbenzene	12.38	91	230891	22.086	ug/l	99
90) Hexachloroethane	12.60	117	40129	21.672	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	116025	20.940	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21603	20.437	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	85217	21.306	ug/l	99
94) Hexachlorobutadiene	13.78	225	43515	21.813	ug/l	99
95) Naphthalene	13.83	128	266402	20.789	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	83889	21.257	ug/l	100

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

