

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042219\
 Data File : VX009088.D
 Acq On : 22 Apr 2019 11:42
 Operator : JC/SP
 Sample : VX0422WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/23/2019 10:30:47 AM

Quant Time: Apr 23 03:31:00 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	5.67	168	207151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	336871	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	297856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139700	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	139169	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
35) Dibromofluoromethane	5.50	113	104179	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
50) Toluene-d8	8.71	98	417954	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
62) 4-Bromofluorobenzene	11.13	95	147930	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	51918	21.760	ug/l	99
3) Chloromethane	1.32	50	63976	21.841	ug/l	99
4) Vinyl Chloride	1.41	62	58804	20.626	ug/l	98
5) Bromomethane	1.64	94	30351	19.540	ug/l	97
6) Chloroethane	1.72	64	36953	22.042	ug/l	97
7) Trichlorofluoromethane	1.93	101	67325	20.226	ug/l	97
8) Diethyl Ether	2.19	74	31063	20.405	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	42428	19.935	ug/l	100
10) Methyl Iodide	2.51	142	37671	19.174	ug/l	100
11) Tert butyl alcohol	3.04	59	67352	103.936	ug/l	100
12) 1,1-Dichloroethene	2.37	96	44245	19.917	ug/l	99
13) Acrolein	2.29	56	44249	79.029	ug/l	98
14) Allyl chloride	2.73	41	100289	20.693	ug/l	98
15) Acrylonitrile	3.14	53	170820	103.843	ug/l	100
16) Acetone	2.45	43	161452	106.646	ug/l	99
17) Carbon Disulfide	2.57	76	131428	20.882	ug/l	100
18) Methyl Acetate	2.77	43	75276	19.923	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	161318	20.380	ug/l	99
20) Methylene Chloride	2.85	84	52039	20.100	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	47161	19.904	ug/l	96
22) Diisopropyl ether	3.85	45	198298	21.056	ug/l	98
23) Vinyl Acetate	3.81	43	883999	106.783	ug/l	98
24) 1,1-Dichloroethane	3.70	63	96727	20.460	ug/l	100
25) 2-Butanone	4.67	43	256588	106.033	ug/l	98
26) 2,2-Dichloropropane	4.59	77	69452	19.599	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	54070	20.099	ug/l	99
28) Bromochloromethane	5.01	49	40248	19.313	ug/l	100
29) Tetrahydrofuran	5.13	42	168768	104.199	ug/l	100
30) Chloroform	5.21	83	87700	20.731	ug/l	99
31) Cyclohexane	5.58	56	95106	20.454	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	71006	20.251	ug/l	99
36) 1,1-Dichloropropene	5.80	75	67684	19.427	ug/l	99
37) Ethyl Acetate	4.83	43	94983	21.187	ug/l	99
38) Carbon Tetrachloride	5.79	117	59398	20.110	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	84768	19.984	ug/l	99
40) Benzene	6.14	78	208596	20.295	ug/l	100
41) Methacrylonitrile	5.04	41	52122	20.258	ug/l	97
42) 1,2-Dichloroethane	6.19	62	73686	20.239	ug/l	100
43) Isopropyl Acetate	6.45	43	147402	20.403	ug/l	99
44) Trichloroethene	7.21	130	49390	19.612	ug/l	98
45) 1,2-Dichloropropane	7.51	63	58996	20.690	ug/l	98
46) Dibromomethane	7.66	93	33779	20.356	ug/l	97
47) Bromodichloromethane	7.90	83	66087	20.305	ug/l	99
48) Methyl methacrylate	7.77	41	73979	20.724	ug/l	100
49) 1,4-Dioxane	7.74	88	27832	416.562	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	482969	104.935	ug/l	100
52) Toluene	8.79	92	127174	20.646	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	76011	20.293	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	84674	20.188	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	50750	20.788	ug/l	98
56) Ethyl methacrylate	9.18	69	90978	20.783	ug/l	99
57) 1,3-Dichloropropane	9.37	76	90196	20.750	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	225474	95.650	ug/l	100
59) 2-Hexanone	9.49	43	374007	105.399	ug/l	100
60) Dibromochloromethane	9.58	129	48045	20.534	ug/l	100
61) 1,2-Dibromoethane	9.67	107	51449	20.419	ug/l	99
64) Tetrachloroethene	9.34	164	45773	20.229	ug/l	95
65) Chlorobenzene	10.13	112	128396	20.423	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	45482	20.536	ug/l	99
67) Ethyl Benzene	10.25	91	234869	20.436	ug/l	99
68) m/p-Xylenes	10.36	106	169961	40.692	ug/l	98
69) o-Xylene	10.69	106	82764	20.365	ug/l	98
70) Styrene	10.71	104	142733	20.267	ug/l	99
71) Bromoform	10.85	173	35648	20.203	ug/l #	99
73) Isopropylbenzene	11.02	105	218761	20.659	ug/l	99
74) N-amyl acetate	10.90	43	127929	21.041	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	81714	21.120	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	70631m	20.706	ug/l	
77) Bromobenzene	11.26	156	54607	20.439	ug/l	99
78) n-propylbenzene	11.36	91	251391	20.684	ug/l	100
79) 2-Chlorotoluene	11.42	91	152973	20.887	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	185688	20.897	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	25971	19.546	ug/l	94
82) 4-Chlorotoluene	11.51	91	173279	20.372	ug/l	99
83) tert-Butylbenzene	11.77	119	175943	20.623	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	188706	20.863	ug/l	99
85) sec-Butylbenzene	11.94	105	211701	20.806	ug/l	99
86) p-Isopropyltoluene	12.06	119	192311	20.558	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	94433	20.195	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	94010	19.833	ug/l	99
89) n-Butylbenzene	12.38	91	174790	20.063	ug/l	99
90) Hexachloroethane	12.60	117	31908	20.678	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	93165	20.177	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17126	19.441	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	65516	19.656	ug/l	99
94) Hexachlorobutadiene	13.78	225	33428	20.108	ug/l	100
95) Naphthalene	13.83	128	212397	19.889	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	65289	19.852	ug/l	99

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

