

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
 Data File : VX010689.D
 Acq On : 08 Jul 2019 12:42
 Operator : JC/SP
 Sample : VX0708WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/9/2019 11:10:53 AM

Quant Time: Jul 09 01:29:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	223725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	333890	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	303935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157410	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	108923	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
35) Dibromofluoromethane	5.49	113	104115	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
50) Toluene-d8	8.71	98	381490	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
62) 4-Bromofluorobenzene	11.13	95	139327	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	37337	24.005	ug/l	98
3) Chloromethane	1.32	50	39475	21.795	ug/l	97
4) Vinyl Chloride	1.41	62	42325	21.336	ug/l	99
5) Bromomethane	1.64	94	24609	25.463	ug/l	99
6) Chloroethane	1.72	64	26851	22.942	ug/l	97
7) Trichlorofluoromethane	1.93	101	71688	22.796	ug/l	98
8) Diethyl Ether	2.19	74	24695	21.897	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	41352	21.699	ug/l	98
10) Methyl Iodide	2.51	142	47648	17.519	ug/l	98
11) Tert butyl alcohol	3.04	59	50283	91.609	ug/l	97
12) 1,1-Dichloroethene	2.37	96	40827	21.054	ug/l	97
13) Acrolein	2.29	56	30577	83.976	ug/l	98
14) Allyl chloride	2.73	41	58110	21.107	ug/l	97
15) Acrylonitrile	3.14	53	116448	107.154	ug/l	99
16) Acetone	2.44	43	99204	94.365	ug/l	100
17) Carbon Disulfide	2.57	76	101716	19.551	ug/l	99
18) Methyl Acetate	2.77	43	45541	21.735	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	129680	21.257	ug/l	100
20) Methylene Chloride	2.85	84	46301	21.401	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	42521	20.388	ug/l	96
22) Diisopropyl ether	3.86	45	122267	21.241	ug/l	88
23) Vinyl Acetate	3.81	43	536903	107.971	ug/l	99
24) 1,1-Dichloroethane	3.70	63	70650	21.234	ug/l	98
25) 2-Butanone	4.67	43	153336	99.434	ug/l	99
26) 2,2-Dichloropropane	4.59	77	57017	19.727	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	49989	20.741	ug/l	99
28) Bromochloromethane	5.01	49	31408	19.743	ug/l	96
29) Tetrahydrofuran	5.13	42	99392	104.056	ug/l	99
30) Chloroform	5.21	83	76019	21.235	ug/l	97
31) Cyclohexane	5.58	56	65523	21.625	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	66885	21.159	ug/l	99
36) 1,1-Dichloropropene	5.80	75	54172	20.417	ug/l	99
37) Ethyl Acetate	4.83	43	58715	21.511	ug/l	100
38) Carbon Tetrachloride	5.79	117	57799	20.117	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	71625	20.537	ug/l	96
40) Benzene	6.14	78	174413	21.100	ug/l	99
41) Methacrylonitrile	5.04	41	31416	20.977	ug/l	97
42) 1,2-Dichloroethane	6.19	62	57387	22.807	ug/l	99
43) Isopropyl Acetate	6.44	43	93387	20.679	ug/l	98
44) Trichloroethene	7.21	130	50783	20.531	ug/l	99
45) 1,2-Dichloropropane	7.51	63	43732	20.950	ug/l	96
46) Dibromomethane	7.66	93	31615	21.109	ug/l	99
47) Bromodichloromethane	7.90	83	54898	20.001	ug/l	97
48) Methyl methacrylate	7.77	41	44325	21.116	ug/l	97
49) 1,4-Dioxane	7.74	88	24880	411.442	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	306833	106.234	ug/l	99
52) Toluene	8.78	92	112720	20.707	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	59023	19.181	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	67385	20.151	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	46697	20.800	ug/l	99
56) Ethyl methacrylate	9.18	69	68553	20.157	ug/l	96
57) 1,3-Dichloropropane	9.37	76	72348	20.760	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	148359	91.851	ug/l	100
59) 2-Hexanone	9.49	43	236031	103.833	ug/l	98
60) Dibromochloromethane	9.58	129	48554	19.316	ug/l	99
61) 1,2-Dibromoethane	9.67	107	50136	20.689	ug/l	99
64) Tetrachloroethene	9.34	164	49738	20.233	ug/l	98
65) Chlorobenzene	10.13	112	127619	20.682	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	45744	20.352	ug/l	99
67) Ethyl Benzene	10.25	91	214738	20.614	ug/l	99
68) m/p-Xylenes	10.36	106	167504	41.499	ug/l	99
69) o-Xylene	10.69	106	81638	20.567	ug/l	99
70) Styrene	10.71	104	138885	20.864	ug/l	99
71) Bromoform	10.85	173	35830	18.331	ug/l #	100
73) Isopropylbenzene	11.02	105	219626	20.583	ug/l	98
74) N-amyl acetate	10.90	43	83258	20.646	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	72309	20.462	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	59899m	20.882	ug/l	
77) Bromobenzene	11.25	156	58839	19.748	ug/l	97
78) n-propylbenzene	11.36	91	239321	20.407	ug/l	99
79) 2-Chlorotoluene	11.42	91	141677	20.288	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	181867	20.675	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	20592	16.748	ug/l	91
82) 4-Chlorotoluene	11.51	91	161998	20.387	ug/l	100
83) tert-Butylbenzene	11.77	119	177859	20.145	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	182245	20.621	ug/l	99
85) sec-Butylbenzene	11.94	105	211507	20.403	ug/l	99
86) p-Isopropyltoluene	12.06	119	193218	20.151	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	103904	19.978	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	105404	19.907	ug/l	98
89) n-Butylbenzene	12.38	91	162208	19.908	ug/l	99
90) Hexachloroethane	12.60	117	29614	17.861	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	103907	20.102	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14721	19.321	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	69093	19.275	ug/l	99
94) Hexachlorobutadiene	13.78	225	34315	19.587	ug/l	99
95) Naphthalene	13.83	128	210641	19.122	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	70641	19.820	ug/l	100

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

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