

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
 Data File : VX010713.D
 Acq On : 08 Jul 2019 22:49
 Operator : JC/SP
 Sample : VX0708WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/9/2019 11:23:41 AM

Quant Time: Jul 09 03:20:22 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	218318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	334280	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	301762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	156787	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	103550	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
35) Dibromofluoromethane	5.50	113	96813	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
50) Toluene-d8	8.71	98	364404	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	
62) 4-Bromofluorobenzene	11.13	95	133615	47.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	35319	23.270	ug/l	99
3) Chloromethane	1.32	50	37869	21.426	ug/l	97
4) Vinyl Chloride	1.41	62	40775	21.063	ug/l	96
5) Bromomethane	1.64	94	23956	25.401	ug/l	99
6) Chloroethane	1.72	64	25210	22.073	ug/l	97
7) Trichlorofluoromethane	1.93	101	68002	22.160	ug/l	97
8) Diethyl Ether	2.19	74	24147	21.942	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	37650	20.245	ug/l	97
10) Methyl Iodide	2.51	142	45222	17.039	ug/l	97
11) Tert butyl alcohol	3.05	59	46611	87.023	ug/l	95
12) 1,1-Dichloroethene	2.37	96	39201	20.716	ug/l	97
13) Acrolein	2.29	56	30383	85.510	ug/l	96
14) Allyl chloride	2.73	41	54732	20.372	ug/l	97
15) Acrylonitrile	3.14	53	110072	103.796	ug/l	99
16) Acetone	2.44	43	89950	87.682	ug/l	98
17) Carbon Disulfide	2.57	76	94992	18.711	ug/l	99
18) Methyl Acetate	2.78	43	46255	22.623	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	124602	20.931	ug/l	96
20) Methylene Chloride	2.85	84	45167	21.394	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	41781	20.529	ug/l	97
22) Diisopropyl ether	3.85	45	118610	21.116	ug/l	98
23) Vinyl Acetate	3.81	43	503569	103.775	ug/l	97
24) 1,1-Dichloroethane	3.70	63	68118	20.980	ug/l	99
25) 2-Butanone	4.67	43	147824	98.234	ug/l	98
26) 2,2-Dichloropropane	4.59	77	44038	15.614	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	48192	20.491	ug/l	100
28) Bromochloromethane	5.01	49	29729	19.151	ug/l	95
29) Tetrahydrofuran	5.13	42	97176	104.255	ug/l	98
30) Chloroform	5.21	83	73237	20.964	ug/l	96
31) Cyclohexane	5.58	56	61870	20.925	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	61198	19.839	ug/l	97
36) 1,1-Dichloropropene	5.80	75	52541	19.779	ug/l	98
37) Ethyl Acetate	4.83	43	56182	20.559	ug/l	99
38) Carbon Tetrachloride	5.78	117	53474	18.590	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65999	18.902	ug/l	100
40) Benzene	6.14	78	168854	20.403	ug/l	98
41) Methacrylonitrile	5.04	41	31660	21.115	ug/l	96
42) 1,2-Dichloroethane	6.19	62	54850	21.773	ug/l	99
43) Isopropyl Acetate	6.45	43	90447	20.005	ug/l	98
44) Trichloroethene	7.21	130	49159	19.851	ug/l	96
45) 1,2-Dichloropropane	7.51	63	41935	20.066	ug/l	98
46) Dibromomethane	7.66	93	29984	19.997	ug/l	97
47) Bromodichloromethane	7.90	83	51702	18.815	ug/l	97
48) Methyl methacrylate	7.77	41	42861	20.395	ug/l	99
49) 1,4-Dioxane	7.74	88	23352	385.723	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	301346	104.212	ug/l	97
52) Toluene	8.78	92	107285	19.685	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	53497	17.365	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	60598	18.100	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	45102	20.066	ug/l	94
56) Ethyl methacrylate	9.18	69	66000	19.384	ug/l	96
57) 1,3-Dichloropropane	9.37	76	70207	20.122	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	148710	91.961	ug/l	99
59) 2-Hexanone	9.49	43	228912	100.583	ug/l	99
60) Dibromochloromethane	9.58	129	44224	17.573	ug/l	99
61) 1,2-Dibromoethane	9.67	107	48302	19.909	ug/l	99
64) Tetrachloroethene	9.34	164	49578	20.313	ug/l	98
65) Chlorobenzene	10.14	112	122156	19.939	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	42513	19.051	ug/l	99
67) Ethyl Benzene	10.25	91	205261	19.846	ug/l	99
68) m/p-Xylenes	10.36	106	162250	40.487	ug/l	99
69) o-Xylene	10.69	106	79424	20.153	ug/l	99
70) Styrene	10.71	104	130917	19.808	ug/l	98
71) Bromoform	10.85	173	32143	16.563	ug/l #	98
73) Isopropylbenzene	11.02	105	207046	19.481	ug/l	98
74) N-amyl acetate	10.90	43	78595	19.567	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	69764	19.821	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	56824m	19.889	ug/l	
77) Bromobenzene	11.26	156	58370	19.668	ug/l	99
78) n-propylbenzene	11.36	91	229767	19.670	ug/l	100
79) 2-Chlorotoluene	11.42	91	136816	19.670	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	171621	19.588	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	17515	14.302	ug/l	90
82) 4-Chlorotoluene	11.51	91	156188	19.734	ug/l	100
83) tert-Butylbenzene	11.77	119	168059	19.111	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	175247	19.908	ug/l	99
85) sec-Butylbenzene	11.94	105	198914	19.265	ug/l	100
86) p-Isopropyltoluene	12.06	119	181799	19.035	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	98548	19.024	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	100394	19.036	ug/l	98
89) n-Butylbenzene	12.38	91	151167	18.627	ug/l	100
90) Hexachloroethane	12.60	117	26312	15.933	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	99380	19.302	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13574	17.887	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	65028	18.213	ug/l	99
94) Hexachlorobutadiene	13.78	225	31676	18.152	ug/l	98
95) Naphthalene	13.83	128	205349	18.715	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	66684	18.784	ug/l	98

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

