

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070120\
 Data File : VX017116.D
 Acq On : 01 Jul 2020 22:50
 Operator : JC/SP
 Sample : VX0701WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/2/2020 9:15:32 AM

Quant Time: Jul 02 03:56:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	240108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	382053	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	367473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	195099	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	154869	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
35) Dibromofluoromethane	5.47	113	126617	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
50) Toluene-d8	8.70	98	463142	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
62) 4-Bromofluorobenzene	11.12	95	181898	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	45555	19.611	ug/l	98
3) Chloromethane	1.32	50	48925	17.400	ug/l	99
4) Vinyl Chloride	1.39	62	49034	18.796	ug/l	99
5) Bromomethane	1.63	94	31689	22.992	ug/l	98
6) Chloroethane	1.72	64	29082	18.875	ug/l	96
7) Trichlorofluoromethane	1.92	101	78310	20.297	ug/l	99
8) Diethyl Ether	2.17	74	26970	20.989	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	46087	19.930	ug/l	98
10) Methyl Iodide	2.50	142	50629	16.968	ug/l	99
11) Tert butyl alcohol	3.01	59	55885	98.966	ug/l	98
12) 1,1-Dichloroethene	2.36	96	46251	19.470	ug/l	99
13) Acrolein	2.28	56	16391	48.557	ug/l	93
14) Allyl chloride	2.71	41	80739	18.391	ug/l	99
15) Acrylonitrile	3.12	53	132209	97.392	ug/l	99
16) Acetone	2.42	43	111326	100.536	ug/l	98
17) Carbon Disulfide	2.55	76	131851	19.904	ug/l	100
18) Methyl Acetate	2.75	43	58621	20.279	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	158633	19.897	ug/l	100
20) Methylene Chloride	2.84	84	53118	20.453	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	50695	19.230	ug/l	95
22) Diisopropyl ether	3.82	45	162910	20.049	ug/l	96
23) Vinyl Acetate	3.79	43	707700	101.356	ug/l	98
24) 1,1-Dichloroethane	3.67	63	90780	19.635	ug/l	99
25) 2-Butanone	4.64	43	184872	100.197	ug/l	99
26) 2,2-Dichloropropane	4.55	77	70171	17.094	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	57998	19.417	ug/l	98
28) Bromochloromethane	4.98	49	42596	18.933	ug/l	99
29) Tetrahydrofuran	5.09	42	121865	99.964	ug/l	100
30) Chloroform	5.18	83	94983	20.041	ug/l	96
31) Cyclohexane	5.55	56	74640	18.677	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	87466	20.039	ug/l	99
36) 1,1-Dichloropropene	5.78	75	69013	19.113	ug/l	99
37) Ethyl Acetate	4.79	43	73358	20.023	ug/l	100
38) Carbon Tetrachloride	5.76	117	79523	19.995	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	74413	18.522	ug/l	98
40) Benzene	6.12	78	206718	19.485	ug/l	98
41) Methacrylonitrile	5.00	41	41530	20.141	ug/l	97
42) 1,2-Dichloroethane	6.17	62	76288	19.907	ug/l	98
43) Isopropyl Acetate	6.42	43	117385	19.282	ug/l	99
44) Trichloroethene	7.19	130	58053	19.641	ug/l	100
45) 1,2-Dichloropropane	7.49	63	53702	19.708	ug/l	98
46) Dibromomethane	7.64	93	37415	20.112	ug/l	99
47) Bromodichloromethane	7.88	83	74941	19.547	ug/l	99
48) Methyl methacrylate	7.74	41	56817	19.644	ug/l	98
49) 1,4-Dioxane	7.71	88	23976	365.908	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	367118	101.163	ug/l	99
52) Toluene	8.77	92	130575	19.713	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	79677	18.836	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	85837	18.930	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	54259	20.049	ug/l	98
56) Ethyl methacrylate	9.16	69	75941	19.715	ug/l	99
57) 1,3-Dichloropropane	9.35	76	89517	19.548	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	187289	97.694	ug/l	100
59) 2-Hexanone	9.47	43	275397	103.909	ug/l	99
60) Dibromochloromethane	9.57	129	63188	20.103	ug/l	98
61) 1,2-Dibromoethane	9.65	107	57341	19.712	ug/l	99
64) Tetrachloroethene	9.32	164	55843	18.829	ug/l	93
65) Chlorobenzene	10.12	112	143442	18.913	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	56087	19.189	ug/l	99
67) Ethyl Benzene	10.24	91	243866	19.254	ug/l	100
68) m/p-Xylenes	10.34	106	190379	39.146	ug/l	100
69) o-Xylene	10.68	106	88555	19.141	ug/l	97
70) Styrene	10.70	104	154095	19.559	ug/l	99
71) Bromoform	10.84	173	47434	20.464	ug/l #	100
73) Isopropylbenzene	11.00	105	239943	18.776	ug/l	99
74) N-amyl acetate	10.88	43	99211	18.195	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	76340	18.991	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	73993m	19.287	ug/l	
77) Bromobenzene	11.24	156	66129	18.828	ug/l	98
78) n-propylbenzene	11.34	91	273483	18.925	ug/l	99
79) 2-Chlorotoluene	11.40	91	168527	19.269	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	208378	19.658	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	26441	17.848	ug/l	97
82) 4-Chlorotoluene	11.49	91	199769	19.107	ug/l	99
83) tert-Butylbenzene	11.76	119	198253	19.053	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	211711	19.687	ug/l	100
85) sec-Butylbenzene	11.93	105	231641	18.938	ug/l	99
86) p-Isopropyltoluene	12.05	119	218249	19.167	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	119476	18.730	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	119235	19.705	ug/l	98
89) n-Butylbenzene	12.37	91	181998	17.901	ug/l	99
90) Hexachloroethane	12.58	117	41016	18.266	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	113613	19.054	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18169	18.947	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	74336	18.266	ug/l	99
94) Hexachlorobutadiene	13.77	225	28077	18.715	ug/l	96
95) Naphthalene	13.82	128	235610	19.043	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	75370	19.137	ug/l	100

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

