

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082020\
 Data File : VX018027.D
 Acq On : 20 Aug 2020 12:16
 Operator : JC/SP
 Sample : VX0820WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 10:50:54 AM

Quant Time: Aug 21 01:30:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	524911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	807271	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	771561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	396947	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	353282	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	
35) Dibromofluoromethane	5.46	113	282244	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
50) Toluene-d8	8.70	98	980234	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
62) 4-Bromofluorobenzene	11.12	95	384216	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	136591	17.869	ug/l	96
3) Chloromethane	1.31	50	122015	16.997	ug/l	99
4) Vinyl Chloride	1.39	62	120366	17.723	ug/l	99
5) Bromomethane	1.63	94	78216	19.470	ug/l	95
6) Chloroethane	1.72	64	70147	17.819	ug/l	94
7) Trichlorofluoromethane	1.92	101	178984	16.283	ug/l	97
8) Diethyl Ether	2.17	74	55791	17.415	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	87578	16.940	ug/l	97
10) Methyl Iodide	2.49	142	83364	12.505	ug/l	99
11) Tert butyl alcohol	3.01	59	119805	80.641	ug/l	98
12) 1,1-Dichloroethene	2.36	96	79795	16.865	ug/l	98
13) Acrolein	2.27	56	76684	97.712	ug/l	98
14) Allyl chloride	2.71	41	153539	18.195	ug/l	98
15) Acrylonitrile	3.11	53	293631	90.500	ug/l	100
16) Acetone	2.42	43	260065	85.909	ug/l	99
17) Carbon Disulfide	2.55	76	195972	17.071	ug/l	97
18) Methyl Acetate	2.75	43	143604	18.852	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	342685	18.944	ug/l	100
20) Methylene Chloride	2.84	84	100871	18.086	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	84652	17.404	ug/l	90
22) Diisopropyl ether	3.82	45	342923	19.386	ug/l	98
23) Vinyl Acetate	3.78	43	1249504	92.433	ug/l	99
24) 1,1-Dichloroethane	3.67	63	177620	18.113	ug/l	99
25) 2-Butanone	4.64	43	405502	88.480	ug/l	98
26) 2,2-Dichloropropane	4.55	77	150355	16.838	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	104936	18.289	ug/l	100
28) Bromochloromethane	4.98	49	93668	18.484	ug/l #	8
29) Tetrahydrofuran	5.09	42	260258	91.437	ug/l	98
30) Chloroform	5.17	83	189449	17.675	ug/l	99
31) Cyclohexane	5.55	56	148933	18.730	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	162967	16.761	ug/l	99
36) 1,1-Dichloropropene	5.77	75	122414	18.117	ug/l	98
37) Ethyl Acetate	4.79	43	145550	18.004	ug/l	99
38) Carbon Tetrachloride	5.75	117	146541	16.757	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	137384	16.430	ug/l	94
40) Benzene	6.11	78	364352	17.903	ug/l	99
41) Methacrylonitrile	5.00	41	84420	18.219	ug/l	98
42) 1,2-Dichloroethane	6.16	62	154817	17.909	ug/l	99
43) Isopropyl Acetate	6.42	43	237310	18.184	ug/l	99
44) Trichloroethene	7.19	130	104900	17.381	ug/l	91
45) 1,2-Dichloropropane	7.49	63	105083	18.021	ug/l	94
46) Dibromomethane	7.63	93	73057	17.952	ug/l	98
47) Bromodichloromethane	7.88	83	158341	17.923	ug/l	97
48) Methyl methacrylate	7.74	41	117537	18.167	ug/l	97
49) 1,4-Dioxane	7.71	88	41288	311.717	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	805379	91.656	ug/l	99
52) Toluene	8.76	92	236823	17.787	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	165348	17.696	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	175046	17.967	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	110080	17.996	ug/l	97
56) Ethyl methacrylate	9.16	69	162310	18.768	ug/l	98
57) 1,3-Dichloropropane	9.35	76	177767	18.299	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	363317	86.751	ug/l	98
59) 2-Hexanone	9.47	43	602460	90.484	ug/l	99
60) Dibromochloromethane	9.56	129	128307	16.795	ug/l	100
61) 1,2-Dibromoethane	9.65	107	115023	16.977	ug/l	97
64) Tetrachloroethene	9.32	164	103584	17.580	ug/l	94
65) Chlorobenzene	10.12	112	278107	18.159	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	114173	17.623	ug/l	99
67) Ethyl Benzene	10.24	91	465297	18.429	ug/l	98
68) m/p-Xylenes	10.34	106	347819	35.784	ug/l	99
69) o-Xylene	10.68	106	170304	18.169	ug/l	98
70) Styrene	10.70	104	304520	18.831	ug/l	98
71) Bromoform	10.84	173	98400	16.922	ug/l #	99
73) Isopropylbenzene	11.00	105	471109	18.439	ug/l	100
74) N-amyl acetate	10.88	43	217463	19.136	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	167484	18.791	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	164410m	19.476	ug/l	
77) Bromobenzene	11.24	156	133102	18.777	ug/l	97
78) n-propylbenzene	11.34	91	528334	17.680	ug/l	99
79) 2-Chlorotoluene	11.40	91	332276	18.245	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	405420	18.077	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	59182	18.418	ug/l	100
82) 4-Chlorotoluene	11.49	91	395822	18.482	ug/l	100
83) tert-Butylbenzene	11.76	119	383564	18.110	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	407970	17.571	ug/l	98
85) sec-Butylbenzene	11.93	105	432915	16.933	ug/l	100
86) p-Isopropyltoluene	12.05	119	404427	17.005	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	233024	18.061	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	241118	19.076	ug/l	99
89) n-Butylbenzene	12.37	91	361496	18.365	ug/l	98
90) Hexachloroethane	12.58	117	76781	16.233	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	234798	19.714	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	41896	18.453	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	155309	19.822	ug/l	96
94) Hexachlorobutadiene	13.77	225	50908	15.225	ug/l	97
95) Naphthalene	13.82	128	511729	20.691	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	149442	18.757	ug/l	97

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

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