

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017981.D
 Acq On : 19 Aug 2020 13:47
 Operator : JC/SP
 Sample : VX0819WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 9:16:49 AM

Quant Time: Aug 19 15:47:55 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	5.64	168	461445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	705370	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	678256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	361526	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	299123	44.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.44%	
35) Dibromofluoromethane	5.46	113	235771	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	
50) Toluene-d8	8.70	98	831456	44.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.56%	
62) 4-Bromofluorobenzene	11.12	95	327070	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	126481	18.769	ug/l	93
3) Chloromethane	1.31	50	108835	17.246	ug/l	95
4) Vinyl Chloride	1.39	62	108320	18.089	ug/l	96
5) Bromomethane	1.63	94	76061	21.538	ug/l	97
6) Chloroethane	1.72	64	60649	17.525	ug/l	96
7) Trichlorofluoromethane	1.92	101	172520	17.854	ug/l	96
8) Diethyl Ether	2.17	74	47339	16.809	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	77435	17.038	ug/l	98
10) Methyl Iodide	2.49	142	63762	10.880	ug/l	98
11) Tert butyl alcohol	3.02	59	96987	74.260	ug/l	98
12) 1,1-Dichloroethene	2.36	96	68282	16.417	ug/l	92
13) Acrolein	2.28	56	61019	88.445	ug/l	97
14) Allyl chloride	2.71	41	124306	16.757	ug/l	100
15) Acrylonitrile	3.12	53	239969	84.134	ug/l	100
16) Acetone	2.42	43	210476	79.090	ug/l	100
17) Carbon Disulfide	2.55	76	169514	16.798	ug/l	99
18) Methyl Acetate	2.75	43	115915	17.310	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	279887	17.601	ug/l	98
20) Methylene Chloride	2.84	84	85878	17.515	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	74229	17.360	ug/l	95
22) Diisopropyl ether	3.83	45	283826	18.252	ug/l	99
23) Vinyl Acetate	3.79	43	1005801	84.638	ug/l	99
24) 1,1-Dichloroethane	3.67	63	154184	17.886	ug/l	97
25) 2-Butanone	4.64	43	339518	84.271	ug/l	97
26) 2,2-Dichloropropane	4.55	77	130399	16.612	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	90089	17.861	ug/l	99
28) Bromochloromethane	4.98	49	75766	17.007	ug/l	98
29) Tetrahydrofuran	5.10	42	211752	84.627	ug/l	99
30) Chloroform	5.18	83	166083	17.627	ug/l	99
31) Cyclohexane	5.55	56	128238	18.345	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	151843	17.764	ug/l	99
36) 1,1-Dichloropropene	5.77	75	100275	16.984	ug/l	99
37) Ethyl Acetate	4.80	43	117751	16.669	ug/l	99
38) Carbon Tetrachloride	5.76	117	136383	17.849	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	124846	17.055	ug/l	95
40) Benzene	6.12	78	319056	17.942	ug/l	98
41) Methacrylonitrile	5.01	41	70449	17.400	ug/l	99
42) 1,2-Dichloroethane	6.17	62	134841	17.852	ug/l	99
43) Isopropyl Acetate	6.42	43	195700	17.162	ug/l	99
44) Trichloroethene	7.19	130	92728	17.584	ug/l	97
45) 1,2-Dichloropropane	7.49	63	89237	17.515	ug/l	94
46) Dibromomethane	7.64	93	63859	17.959	ug/l	98
47) Bromodichloromethane	7.88	83	136466	17.678	ug/l	97
48) Methyl methacrylate	7.75	41	96534	17.076	ug/l	98
49) 1,4-Dioxane	7.72	88	33818	292.204	ug/l #	92
51) 4-Methyl-2-Pentanone	8.62	43	675662	88.002	ug/l	99
52) Toluene	8.77	92	208877	17.954	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	140679	17.231	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	145781	17.125	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	95480	17.864	ug/l	99
56) Ethyl methacrylate	9.16	69	126655	16.761	ug/l	95
57) 1,3-Dichloropropane	9.35	76	149001	17.554	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	294753	80.547	ug/l	99
59) 2-Hexanone	9.48	43	498135	85.623	ug/l	99
60) Dibromochloromethane	9.57	129	116926	17.517	ug/l	99
61) 1,2-Dibromoethane	9.65	107	100427	16.964	ug/l	98
64) Tetrachloroethene	9.32	164	95981	18.530	ug/l	95
65) Chlorobenzene	10.12	112	244162	18.135	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	102607	18.017	ug/l	99
67) Ethyl Benzene	10.24	91	399673	18.008	ug/l	96
68) m/p-Xylenes	10.34	106	307325	35.967	ug/l	96
69) o-Xylene	10.68	106	146461	17.775	ug/l	99
70) Styrene	10.70	104	258454	18.181	ug/l	99
71) Bromoform	10.84	173	88048	17.225	ug/l #	96
73) Isopropylbenzene	11.00	105	414564	17.816	ug/l	99
74) N-amyl acetate	10.88	43	172184	16.636	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	140135	17.263	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	137625m	17.900	ug/l	
77) Bromobenzene	11.24	156	114744	17.773	ug/l	98
78) n-propylbenzene	11.34	91	465890	17.118	ug/l	100
79) 2-Chlorotoluene	11.40	91	285879	17.236	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	358172	17.535	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	49139	16.791	ug/l	97
82) 4-Chlorotoluene	11.49	91	341955	17.531	ug/l	98
83) tert-Butylbenzene	11.76	119	335501	17.393	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	360434	17.045	ug/l	99
85) sec-Butylbenzene	11.93	105	404029	17.351	ug/l	98
86) p-Isopropyltoluene	12.05	119	376462	17.380	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	202810	17.260	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	200575	17.423	ug/l	95
89) n-Butylbenzene	12.37	91	309772	17.279	ug/l	99
90) Hexachloroethane	12.58	117	77350	17.955	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	201068	18.536	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	34830	16.844	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	125953	17.650	ug/l	98
94) Hexachlorobutadiene	13.76	225	52132	17.118	ug/l	93
95) Naphthalene	13.82	128	392796	17.438	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	124327	17.134	ug/l	97

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

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