

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081920\
 Data File : VX017993.D
 Acq On : 19 Aug 2020 18:22
 Operator : JC/SP
 Sample : L3718-07MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB181-GW-258-260MS

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 9:17:02 AM

Quant Time: Aug 20 05:27:06 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	448786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	679219	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	662972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	356581	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	307578	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	
35) Dibromofluoromethane	5.46	113	248754	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
50) Toluene-d8	8.70	98	858060	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	11.12	95	347978	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	342007	50.423	ug/l	98
3) Chloromethane	1.31	50	299838	48.854	ug/l	100
4) Vinyl Chloride	1.39	62	297660	46.985	ug/l	97
5) Bromomethane	1.62	94	189123	55.064	ug/l	97
6) Chloroethane	1.71	64	171716	51.018	ug/l	99
7) Trichlorofluoromethane	1.92	101	461568	49.114	ug/l	96
8) Diethyl Ether	2.17	74	131873	48.147	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	207867	47.028	ug/l	98
10) Methyl Iodide	2.49	142	213577	37.471	ug/l	99
11) Tert butyl alcohol	3.02	59	298293	234.838	ug/l	99
12) 1,1-Dichloroethene	2.36	96	186770	46.171	ug/l	97
13) Acrolein	2.28	56	35057	52.247	ug/l	96
14) Allyl chloride	2.71	41	356493	49.413	ug/l	100
15) Acrylonitrile	3.12	53	706436	254.664	ug/l	99
16) Acetone	2.42	43	638483	246.690	ug/l	100
17) Carbon Disulfide	2.55	76	525508	53.543	ug/l	100
18) Methyl Acetate	2.75	43	322618	49.537	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	811296	52.458	ug/l	99
20) Methylene Chloride	2.84	84	231008	48.444	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	208002	50.018	ug/l	95
22) Diisopropyl ether	3.83	45	795941	52.628	ug/l	98
23) Vinyl Acetate	3.79	43	2818367	243.855	ug/l	100
24) 1,1-Dichloroethane	3.67	63	424851	50.674	ug/l	98
25) 2-Butanone	4.64	43	992070	253.186	ug/l	98
26) 2,2-Dichloropropane	4.55	77	353532	46.307	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	272706	55.590	ug/l	97
28) Bromochloromethane	4.98	49	207736	47.946	ug/l	99
29) Tetrahydrofuran	5.09	42	626336	257.377	ug/l	99
30) Chloroform	5.18	83	461082	50.316	ug/l	99
31) Cyclohexane	5.56	56	371410	54.631	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	423369	50.928	ug/l	99
36) 1,1-Dichloropropene	5.78	75	295539	51.985	ug/l	99
37) Ethyl Acetate	4.80	43	329643	48.462	ug/l	100
38) Carbon Tetrachloride	5.76	117	377111	51.254	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	366551	50.336	ug/l	96
40) Benzene	6.12	78	893383	52.174	ug/l	99
41) Methacrylonitrile	5.01	41	205281	52.653	ug/l	99
42) 1,2-Dichloroethane	6.17	62	372077	51.156	ug/l	99
43) Isopropyl Acetate	6.42	43	557850	50.803	ug/l	99
44) Trichloroethene	7.19	130	258477	50.903	ug/l	95
45) 1,2-Dichloropropane	7.49	63	251252	51.212	ug/l	97
46) Dibromomethane	7.64	93	178130	52.024	ug/l	97
47) Bromodichloromethane	7.88	83	385081	51.805	ug/l	99
48) Methyl methacrylate	7.75	41	293309	53.882	ug/l	99
49) 1,4-Dioxane	7.71	88	98407	883.022	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1936178	261.889	ug/l	100
52) Toluene	8.77	92	597320	53.319	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	403661	51.345	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	400717	48.885	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	264188	51.333	ug/l	96
56) Ethyl methacrylate	9.16	69	391645	53.823	ug/l	98
57) 1,3-Dichloropropane	9.35	76	422999	51.752	ug/l	98
59) 2-Hexanone	9.48	43	1497380	267.291	ug/l	100
60) Dibromochloromethane	9.57	129	333532	51.890	ug/l	95
61) 1,2-Dibromoethane	9.65	107	277812	48.733	ug/l	99
64) Tetrachloroethene	9.32	164	230997	45.625	ug/l	93
65) Chlorobenzene	10.12	112	668074	50.766	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	287635	51.670	ug/l	98
67) Ethyl Benzene	10.24	91	1158152	53.384	ug/l	98
68) m/p-Xylenes	10.34	106	889639	106.517	ug/l	97
69) o-Xylene	10.68	106	441054	54.762	ug/l	97
70) Stvrene	10.70	104	769027	55.346	ug/l	100
71) Bromoform	10.84	173	257897	51.616	ug/l #	99
73) Isopropylbenzene	11.00	105	1177702	51.313	ug/l	100
74) N-amyl acetate	10.88	43	512627	50.215	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	409229	51.112	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	377736m	49.812	ug/l	
77) Bromobenzene	11.24	156	321888	50.550	ug/l	99
78) n-propylbenzene	11.35	91	1375273	51.231	ug/l	100
79) 2-Chlorotoluene	11.40	91	844762	51.637	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1035082	51.378	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	144160	49.942	ug/l	99
82) 4-Chlorotoluene	11.49	91	996283	51.786	ug/l	100
83) tert-Butylbenzene	11.76	119	1036969	54.504	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	1056789	50.669	ug/l	99
85) sec-Butylbenzene	11.93	105	1180306	51.391	ug/l	100
86) p-Isopropyltoluene	12.05	119	1118800	52.367	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	575900	49.691	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	581178	51.186	ug/l	98
89) n-Butylbenzene	12.37	91	931392	52.674	ug/l	99
90) Hexachloroethane	12.58	117	221559	52.143	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	548786	51.294	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	105275	51.618	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	365836	51.977	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	147668	49.161	ug/l	96
95) Naphthalene	13.82	128	1223613	55.075	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	370030	51.701	ug/l	97

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

