

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092420\
 Data File : VX018584.D
 Acq On : 24 Sep 2020 19:38
 Operator : JC/SP
 Sample : L4118-20MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20200921MSD

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 5:22:09 PM

Quant Time: Sep 25 02:34:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	401430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	621533	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	598524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	324622	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	277915	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
35) Dibromofluoromethane	5.47	113	215708	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
50) Toluene-d8	8.70	98	758261	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
62) 4-Bromofluorobenzene	11.12	95	296645	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	194376	51.072	ug/l	95
3) Chloromethane	1.31	50	215387	48.340	ug/l	97
4) Vinyl Chloride	1.39	62	225390	47.782	ug/l	98
5) Bromomethane	1.64	94	156674	54.116	ug/l	100
6) Chloroethane	1.71	64	130662	48.399	ug/l	100
7) Trichlorofluoromethane	1.92	101	391422	54.622	ug/l	96
8) Diethyl Ether	2.17	74	121429	48.297	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	215830	55.957	ug/l	98
10) Methyl Iodide	2.50	142	244539	51.118	ug/l	95
11) Tert butyl alcohol	3.06	59	212418	214.977	ug/l	100
12) 1,1-Dichloroethene	2.36	96	204158	52.515	ug/l	90
13) Acrolein	2.28	56	187063	298.990	ug/l	99
14) Allyl chloride	2.71	41	340659	45.219	ug/l	96
15) Acrylonitrile	3.12	53	566609	240.330	ug/l	100
16) Acetone	2.43	43	502480	231.365	ug/l	98
17) Carbon Disulfide	2.55	76	550055	47.377	ug/l	99
18) Methyl Acetate	2.75	43	243419	45.237	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	703741	51.568	ug/l	97
20) Methylene Chloride	2.84	84	225742	47.110	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	215817	47.767	ug/l	100
22) Diisopropyl ether	3.82	45	704300	49.736	ug/l	99
23) Vinyl Acetate	3.79	43	2909314	231.854	ug/l	100
24) 1,1-Dichloroethane	3.67	63	402858	49.330	ug/l	99
25) 2-Butanone	4.64	43	778628	230.222	ug/l	99
26) 2,2-Dichloropropane	4.55	77	310398	41.136	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	248651	49.101	ug/l	99
28) Bromochloromethane	4.98	49	177205	46.370	ug/l	96
29) Tetrahydrofuran	5.10	42	498005	233.621	ug/l	98
30) Chloroform	5.18	83	442001	53.343	ug/l	99
31) Cyclohexane	5.55	56	323319	47.046	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	399015	51.330	ug/l	98
36) 1,1-Dichloropropene	5.77	75	303052	50.235	ug/l	99
37) Ethyl Acetate	4.79	43	296185	45.977	ug/l	100
38) Carbon Tetrachloride	5.76	117	378242	56.613	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	328392	48.453	ug/l	99
40) Benzene	6.12	78	878005	50.785	ug/l	99
41) Methacrylonitrile	5.01	41	171647	47.952	ug/l	99
42) 1,2-Dichloroethane	6.17	62	362197	53.851	ug/l	99
43) Isopropyl Acetate	6.42	43	504058	47.152	ug/l	99
44) Trichloroethene	7.19	130	1714443	342.558	ug/l	95
45) 1,2-Dichloropropane	7.49	63	236691	49.879	ug/l	99
46) Dibromomethane	7.64	93	169780	52.077	ug/l	100
47) Bromodichloromethane	7.88	83	349931	53.259	ug/l	98
48) Methyl methacrylate	7.74	41	259217	49.818	ug/l	97
49) 1,4-Dioxane	7.76	88	73807	858.470	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1587689	249.440	ug/l	99
52) Toluene	8.77	92	565497	51.979	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	373744	50.061	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	372762	48.466	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	240169	53.201	ug/l	97
56) Ethyl methacrylate	9.16	69	344899	51.526	ug/l	98
57) 1,3-Dichloropropane	9.35	76	387818	51.132	ug/l	100
59) 2-Hexanone	9.48	43	1206119	249.132	ug/l	100
60) Dibromochloromethane	9.57	129	294460	54.703	ug/l	100
61) 1,2-Dibromoethane	9.65	107	255873	53.271	ug/l	99
64) Tetrachloroethene	9.32	164	227134	48.202	ug/l	98
65) Chlorobenzene	10.12	112	621929	50.463	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	256161	51.812	ug/l	98
67) Ethyl Benzene	10.24	91	1092174	51.198	ug/l	97
68) m/p-Xylenes	10.34	106	827244	102.513	ug/l	99
69) o-Xylene	10.68	106	398241	52.116	ug/l	97
70) Stvrene	10.69	104	681725	51.669	ug/l	97
71) Bromoform	10.84	173	214934	51.777	ug/l #	100
73) Isopropylbenzene	11.01	105	1078695	49.741	ug/l	100
74) N-amyl acetate	10.88	43	411444	42.143	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	351873	49.021	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	316978m	46.466	ug/l	
77) Bromobenzene	11.24	156	286778	47.928	ug/l	98
78) n-propylbenzene	11.35	91	1234193	48.621	ug/l	100
79) 2-Chlorotoluene	11.41	91	742846	48.346	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	927341	50.002	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	114879	43.153	ug/l	95
82) 4-Chlorotoluene	11.49	91	890151	48.736	ug/l	100
83) tert-Butylbenzene	11.76	119	888110	49.321	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	953288	51.039	ug/l	100
85) sec-Butylbenzene	11.93	105	1032094	48.577	ug/l	99
86) p-Isopropyltoluene	12.05	119	972620	49.810	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	509347	47.344	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	519948	47.665	ug/l	99
89) n-Butylbenzene	12.37	91	841000	46.524	ug/l	100
90) Hexachloroethane	12.58	117	186506	47.843	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	505706	50.222	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	84590	48.544	ug/l	96
93) 1,2,4-Trichlorobenzene	13.63	180	325831	46.493	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	138213	46.998	ug/l	98
95) Naphthalene	13.82	128	1041198	49.195	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	318812	47.601	ug/l	99

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

