

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082820\
 Data File : VX018132.D
 Acq On : 28 Aug 2020 19:43
 Operator : JC/SP
 Sample : L3827-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP01-01MS

Manual Integrations
 APPROVED

MMDadoda
 8/31/2020 8:57:47 AM

Quant Time: Aug 29 04:27:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	541343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	878114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	860374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	430604	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	393101	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
35) Dibromofluoromethane	5.46	113	309974	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
50) Toluene-d8	8.70	98	1128687	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
62) 4-Bromofluorobenzene	11.12	95	443603	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	323284	49.050	ug/l	99
3) Chloromethane	1.31	50	320457	46.117	ug/l	100
4) Vinyl Chloride	1.39	62	312913	45.237	ug/l	99
5) Bromomethane	1.62	94	166761	49.983	ug/l	95
6) Chloroethane	1.70	64	175934	47.355	ug/l	96
7) Trichlorofluoromethane	1.91	101	469182	49.744	ug/l	98
8) Diethyl Ether	2.17	74	151894	47.486	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	231232	45.347	ug/l	97
10) Methyl Iodide	2.49	142	257015	47.416	ug/l	99
11) Tert butyl alcohol	3.03	59	384946	263.439	ug/l	98
12) 1,1-Dichloroethene	2.35	96	226132	42.745	ug/l	96
13) Acrolein	2.28	56	193926	320.068	ug/l	99
14) Allyl chloride	2.70	41	446883	47.017	ug/l	99
15) Acrylonitrile	3.12	53	860977	259.750	ug/l	100
16) Acetone	2.42	43	878161	299.878	ug/l	98
17) Carbon Disulfide	2.55	76	700557	43.805	ug/l	99
18) Methyl Acetate	2.75	43	401627	56.835	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	910185	50.167	ug/l	100
20) Methylene Chloride	2.84	84	320275	53.573	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	275557	47.014	ug/l	98
22) Diisopropyl ether	3.83	45	914140	48.730	ug/l	99
23) Vinyl Acetate	3.79	43	4164292	249.476	ug/l	100
24) 1,1-Dichloroethane	3.67	63	511416	47.892	ug/l	99
25) 2-Butanone	4.64	43	1288608	267.752	ug/l	97
26) 2,2-Dichloropropane	4.55	77	342238	39.389	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	315371	46.700	ug/l	97
28) Bromochloromethane	4.98	49	255539	49.576	ug/l	96
29) Tetrahydrofuran	5.09	42	806335	263.192	ug/l	99
30) Chloroform	5.18	83	537053	48.570	ug/l	98
31) Cyclohexane	5.55	56	422934	47.018	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	497407	49.020	ug/l	99
36) 1,1-Dichloropropene	5.77	75	382612	47.240	ug/l	99
37) Ethyl Acetate	4.80	43	479266	50.949	ug/l	99
38) Carbon Tetrachloride	5.76	117	453572	49.693	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	427747	48.299	ug/l	99
40) Benzene	6.12	78	1135299	47.704	ug/l	98
41) Methacrylonitrile	5.01	41	256111	49.586	ug/l	97
42) 1,2-Dichloroethane	6.17	62	452797	49.659	ug/l	98
43) Isopropyl Acetate	6.42	43	795163	52.335	ug/l	99
44) Trichloroethene	7.19	130	317425	47.204	ug/l	99
45) 1,2-Dichloropropane	7.49	63	307391	47.924	ug/l	96
46) Dibromomethane	7.64	93	222091	49.238	ug/l	97
47) Bromodichloromethane	7.88	83	450788	50.053	ug/l	99
48) Methyl methacrylate	7.75	41	379537	50.180	ug/l	100
49) 1,4-Dioxane	7.71	88	141481	1032.653	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	2535250	270.130	ug/l	100
52) Toluene	8.77	92	738524	48.939	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	480418	48.130	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	480787	45.470	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	309449	48.080	ug/l	98
56) Ethyl methacrylate	9.16	69	481984	50.375	ug/l	99
57) 1,3-Dichloropropane	9.35	76	515565	48.568	ug/l	98
59) 2-Hexanone	9.48	43	1949600	273.189	ug/l	99
60) Dibromochloromethane	9.57	129	388521	51.459	ug/l	99
61) 1,2-Dibromoethane	9.65	107	347666	49.756	ug/l	99
64) Tetrachloroethene	9.32	164	307742	48.674	ug/l	96
65) Chlorobenzene	10.12	112	827408	48.151	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	330025	48.729	ug/l	97
67) Ethyl Benzene	10.24	91	1426573	48.818	ug/l	98
68) m/p-Xylenes	10.34	106	1092295	100.145	ug/l	100
69) o-Xylene	10.68	106	525681	49.718	ug/l	98
70) Styrene	10.70	104	905751	50.302	ug/l	99
71) Bromoform	10.84	173	283379	49.055	ug/l #	97
73) Isopropylbenzene	11.00	105	1425621	50.193	ug/l	98
74) N-amyl acetate	10.88	43	677262	50.256	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	466394	46.548	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	439972m	45.931	ug/l	
77) Bromobenzene	11.24	156	377560	48.089	ug/l	96
78) n-propylbenzene	11.35	91	1615718	50.099	ug/l	99
79) 2-Chlorotoluene	11.41	91	960872	48.224	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1189315	50.955	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	154872	43.667	ug/l	98
82) 4-Chlorotoluene	11.49	91	1134847	47.910	ug/l	100
83) tert-Butylbenzene	11.76	119	1159112	50.322	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1194975	50.077	ug/l	100
85) sec-Butylbenzene	11.93	105	1327436	50.677	ug/l	99
86) p-Isopropyltoluene	12.05	119	1231485	51.182	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	638571	46.325	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	641814	46.502	ug/l	98
89) n-Butylbenzene	12.37	91	1070629	48.752	ug/l	99
90) Hexachloroethane	12.58	117	245328	51.824	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	624603	48.137	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	126837	50.628	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	416575	48.145	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	166804	48.875	ug/l	97
95) Naphthalene	13.82	128	1458978	51.236	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	419468	49.063	ug/l	97

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

