

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO082820\
 Data File : VX018135.D
 Acq On : 28 Aug 2020 20:52
 Operator : JC/SP
 Sample : L3823-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP02-01MSD

Manual Integrations
 APPROVED

MMDadoda
 8/31/2020 8:58:05 AM

Quant Time: Aug 29 04:31:43 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	5.63	168	557362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	897508	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	870306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	428038	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	391823	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
35) Dibromofluoromethane	5.47	113	312553	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
50) Toluene-d8	8.70	98	1145275	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.12	95	445794	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	339154	49.979	ug/l	98
3) Chloromethane	1.31	50	337026	47.108	ug/l	99
4) Vinyl Chloride	1.39	62	329182	46.222	ug/l	100
5) Bromomethane	1.62	94	207459	60.394	ug/l	100
6) Chloroethane	1.71	64	186559	48.772	ug/l	99
7) Trichlorofluoromethane	1.92	101	492197	50.684	ug/l	98
8) Diethyl Ether	2.17	74	161485	49.034	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	245174	46.699	ug/l	99
10) Methyl Iodide	2.49	142	320746	56.351	ug/l	99
11) Tert butyl alcohol	3.02	59	401353	266.773	ug/l	99
12) 1,1-Dichloroethene	2.36	96	238715	43.827	ug/l	96
13) Acrolein	2.28	56	65779	105.446	ug/l	97
14) Allyl chloride	2.71	41	474727	48.511	ug/l	99
15) Acrylonitrile	3.12	53	892898	261.638	ug/l	100
16) Acetone	2.42	43	840152	278.653	ug/l	98
17) Carbon Disulfide	2.55	76	747211	45.380	ug/l	100
18) Methyl Acetate	2.75	43	415326	57.084	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	969925	51.924	ug/l	100
20) Methylene Chloride	2.84	84	333477	54.191	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	290252	48.098	ug/l	99
22) Diisopropyl ether	3.83	45	956954	49.546	ug/l	99
23) Vinyl Acetate	3.79	43	4469107	260.042	ug/l	99
24) 1,1-Dichloroethane	3.67	63	546646	49.719	ug/l	98
25) 2-Butanone	4.64	43	1334968	269.412	ug/l	100
26) 2,2-Dichloropropane	4.55	77	366510	40.971	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	334119	48.054	ug/l	97
28) Bromochloromethane	4.98	49	263055	49.567	ug/l	98
29) Tetrahydrofuran	5.10	42	833332	264.187	ug/l	98
30) Chloroform	5.18	83	569865	50.057	ug/l	99
31) Cyclohexane	5.55	56	457367	49.384	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	525032	50.255	ug/l	99
36) 1,1-Dichloropropene	5.77	75	412259	49.801	ug/l	100
37) Ethyl Acetate	4.80	43	505797	52.607	ug/l	99
38) Carbon Tetrachloride	5.76	117	473421	50.747	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	457187	50.507	ug/l	97
40) Benzene	6.12	78	1200782	49.365	ug/l	96
41) Methacrylonitrile	5.01	41	271664	51.460	ug/l	99
42) 1,2-Dichloroethane	6.17	62	475708	51.044	ug/l	98
43) Isopropyl Acetate	6.42	43	954445	61.461	ug/l	99
44) Trichloroethene	7.19	130	336725	48.992	ug/l	97
45) 1,2-Dichloropropane	7.49	63	329941	50.328	ug/l	99
46) Dibromomethane	7.64	93	234693	50.908	ug/l	98
47) Bromodichloromethane	7.88	83	475464	51.652	ug/l	100
48) Methyl methacrylate	7.75	41	408217	52.805	ug/l	99
49) 1,4-Dioxane	7.71	88	140272	1001.705	ug/l #	76
51) 4-Methyl-2-Pentanone	8.62	43	2764152	288.155	ug/l	97
52) Toluene	8.77	92	776432	50.339	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	516601	50.637	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	513031	47.471	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	334965	50.920	ug/l	98
56) Ethyl methacrylate	9.16	69	524888	53.674	ug/l	99
57) 1,3-Dichloropropane	9.35	76	561034	51.709	ug/l	100
59) 2-Hexanone	9.48	43	2046164	280.525	ug/l	99
60) Dibromochloromethane	9.57	129	413866	53.631	ug/l	100
61) 1,2-Dibromoethane	9.66	107	372292	52.129	ug/l	99
64) Tetrachloroethene	9.32	164	306207	47.878	ug/l	97
65) Chlorobenzene	10.12	112	889833	51.193	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	358007	52.258	ug/l	98
67) Ethyl Benzene	10.24	91	1529727	51.751	ug/l	100
68) m/p-Xylenes	10.34	106	1163606	105.466	ug/l	99
69) o-Xylene	10.68	106	561073	52.459	ug/l	98
70) Stvrene	10.70	104	972867	53.413	ug/l	99
71) Bromoform	10.84	173	311697	53.341	ug/l #	99
73) Isopropylbenzene	11.00	105	1496246	52.995	ug/l	99
74) N-amyl acetate	10.88	43	749047	55.916	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	503582	50.561	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	478283m	50.230	ug/l	
77) Bromobenzene	11.24	156	394422	50.538	ug/l	98
78) n-propylbenzene	11.35	91	1734327	54.099	ug/l	100
79) 2-Chlorotoluene	11.40	91	1034106	52.211	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1283964	55.340	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	172225	48.851	ug/l	99
82) 4-Chlorotoluene	11.49	91	1228687	52.183	ug/l	99
83) tert-Butylbenzene	11.76	119	1254072	54.771	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1299122	54.767	ug/l	99
85) sec-Butylbenzene	11.93	105	1450764	55.717	ug/l	99
86) p-Isopropyltoluene	12.05	119	1343049	56.153	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	688359	50.237	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	691169	50.378	ug/l	99
89) n-Butylbenzene	12.37	91	1169430	53.570	ug/l	100
90) Hexachloroethane	12.58	117	260823	55.427	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	653864	50.694	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	136717	54.898	ug/l	95
93) 1,2,4-Trichlorobenzene	13.63	180	462113	53.728	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	175441	51.714	ug/l	94
95) Naphthalene	13.82	128	1602887	56.627	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	470098	55.315	ug/l	98

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

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