

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO090320\
 Data File : VX018244.D
 Acq On : 03 Sep 2020 18:46
 Operator : JC/SP
 Sample : L3903-07MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ123S-20200902MSD

Manual Integrations
 APPROVED

MMDadoda
 9/4/2020 9:29:12 AM

Quant Time: Sep 04 03:06:12 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	405074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	638435	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	630167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	343308	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	290831	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
35) Dibromofluoromethane	5.46	113	227268	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
50) Toluene-d8	8.70	98	796150	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
62) 4-Bromofluorobenzene	11.12	95	333384	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	245696	49.818	ug/l	98
3) Chloromethane	1.31	50	235383	45.270	ug/l	98
4) Vinyl Chloride	1.39	62	247170	47.754	ug/l	99
5) Bromomethane	1.62	94	138980	55.669	ug/l	95
6) Chloroethane	1.71	64	144871	52.112	ug/l	99
7) Trichlorofluoromethane	1.91	101	401600	56.902	ug/l	99
8) Diethyl Ether	2.17	74	123543	51.616	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	201136	52.714	ug/l	99
10) Methyl Iodide	2.49	142	231028	55.895	ug/l	96
11) Tert butyl alcohol	3.02	59	258860	236.747	ug/l	100
12) 1,1-Dichloroethene	2.36	96	195488	49.384	ug/l	93
13) Acrolein	2.27	56	89856	198.195	ug/l	100
14) Allyl chloride	2.71	41	354920	49.904	ug/l	98
15) Acrylonitrile	3.12	53	619712	249.858	ug/l	99
16) Acetone	2.42	43	544823	248.636	ug/l	97
17) Carbon Disulfide	2.55	76	557916	46.622	ug/l	100
18) Methyl Acetate	2.75	43	276301	52.253	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	722145	53.193	ug/l	98
20) Methylene Chloride	2.84	84	230731	51.533	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	212508	48.454	ug/l	95
22) Diisopropyl ether	3.82	45	719675	51.270	ug/l	92
23) Vinyl Acetate	3.79	43	3008575	240.872	ug/l	100
24) 1,1-Dichloroethane	3.67	63	405721	50.775	ug/l	96
25) 2-Butanone	4.64	43	867416	240.867	ug/l	98
26) 2,2-Dichloropropane	4.55	77	324908	49.975	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	243516	48.191	ug/l	99
28) Bromochloromethane	4.98	49	188829	48.958	ug/l	99
29) Tetrahydrofuran	5.09	42	558797	243.753	ug/l	99
30) Chloroform	5.18	83	435341	52.617	ug/l	100
31) Cyclohexane	5.55	56	320887	47.674	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	405496	53.405	ug/l	99
36) 1,1-Dichloropropene	5.77	75	306749	52.092	ug/l	99
37) Ethyl Acetate	4.80	43	320943	46.927	ug/l	99
38) Carbon Tetrachloride	5.76	117	376457	56.728	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	321908	49.994	ug/l	97
40) Benzene	6.11	78	880120	50.865	ug/l	99
41) Methacrylonitrile	5.00	41	185696	49.450	ug/l	98
42) 1,2-Dichloroethane	6.16	62	366613	55.301	ug/l	98
43) Isopropyl Acetate	6.41	43	526146	47.630	ug/l	99
44) Trichloroethene	7.19	130	250240	51.183	ug/l	94
45) 1,2-Dichloropropane	7.49	63	241654	51.819	ug/l	94
46) Dibromomethane	7.63	93	169814	51.782	ug/l	99
47) Bromodichloromethane	7.88	83	357257	54.560	ug/l	95
48) Methyl methacrylate	7.74	41	280734	51.051	ug/l	98
49) 1,4-Dioxane	7.71	88	86462	867.992	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1763240	258.403	ug/l	99
52) Toluene	8.77	92	569899	51.942	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	386676	53.282	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	385866	50.193	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	243719	52.084	ug/l	99
56) Ethyl methacrylate	9.16	69	369403	53.103	ug/l	98
57) 1,3-Dichloropropane	9.35	76	399079	51.708	ug/l	99
59) 2-Hexanone	9.48	43	1352906	260.747	ug/l	100
60) Dibromochloromethane	9.57	129	300904	54.816	ug/l	100
61) 1,2-Dibromoethane	9.65	107	266577	52.473	ug/l	99
64) Tetrachloroethene	9.32	164	221569	47.846	ug/l	93
65) Chlorobenzene	10.12	112	631529	50.178	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	258197	52.051	ug/l	96
67) Ethyl Benzene	10.24	91	1114293	52.061	ug/l	99
68) m/p-Xylenes	10.34	106	847705	106.112	ug/l	97
69) o-Xylene	10.68	106	405814	52.402	ug/l	97
70) Stvrene	10.70	104	722635	54.794	ug/l	99
71) Bromoform	10.84	173	231775	54.779	ug/l	100
73) Isopropylbenzene	11.00	105	1117309	49.340	ug/l	98
74) N-amyl acetate	10.88	43	473162	44.039	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	369860	46.300	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	349302m	45.738	ug/l	
77) Bromobenzene	11.24	156	298485	47.685	ug/l	98
78) n-propylbenzene	11.34	91	1293689	50.314	ug/l	99
79) 2-Chlorotoluene	11.40	91	799031	50.299	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	983212	52.837	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	127074	44.940	ug/l	96
82) 4-Chlorotoluene	11.49	91	950340	50.323	ug/l	100
83) tert-Butylbenzene	11.76	119	949553	51.707	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	996227	52.364	ug/l	100
85) sec-Butylbenzene	11.93	105	1082440	51.832	ug/l	100
86) p-Isopropyltoluene	12.05	119	1011413	52.724	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	527975	48.041	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	537252	48.824	ug/l	96
89) n-Butylbenzene	12.37	91	885773	50.590	ug/l	99
90) Hexachloroethane	12.58	117	196560	52.080	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	513410	49.628	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	94866	47.495	ug/l	96
93) 1,2,4-Trichlorobenzene	13.63	180	331279	48.023	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	134553	49.451	ug/l	97
95) Naphthalene	13.82	128	1109340	48.863	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	328796	48.237	ug/l	99

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

