

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\
 Data File : VX019743.D
 Acq On : 05 Dec 2020 01:29
 Operator : JC/MD
 Sample : L4953-09MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ID039-39MWE2S-120320MSD

Manual Integrations
 APPROVED

mmdadoda
 12/13/2020 7:20:17 PM

Quant Time: Dec 05 06:47:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	324981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	534807	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	492444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	250065	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	206390	48.32	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.64%
35) Dibromofluoromethane	5.46	113	170085	49.21	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.42%
50) Toluene-d8	8.70	98	657349	49.82	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.64%
62) 4-Bromofluorobenzene	11.12	95	249701	49.72	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.44%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	152062	51.108	ug/l	98
3) Chloromethane	1.31	50	157352	44.969	ug/l	100
4) Vinyl Chloride	1.39	62	186216	50.471	ug/l	100
5) Bromomethane	1.62	94	58717	47.929	ug/l	98
6) Chloroethane	1.70	64	116911	52.749	ug/l	96
7) Trichlorofluoromethane	1.91	101	258733	50.354	ug/l	98
8) Diethyl Ether	2.17	74	107464	49.353	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	152802	51.882	ug/l	99
10) Methyl Iodide	2.49	142	199942	46.057	ug/l	99
11) Tert butyl alcohol	3.01	59	202531	230.444	ug/l	99
12) 1,1-Dichloroethene	2.36	96	154708	51.959	ug/l	99
13) Acrolein	2.27	56	124709	264.517	ug/l	99
14) Allyl chloride	2.70	41	243480	48.417	ug/l	100
15) Acrylonitrile	3.11	53	495762	256.752	ug/l	100
16) Acetone	2.42	43	391550	243.890	ug/l	98
17) Carbon Disulfide	2.55	76	411304	48.142	ug/l	99
18) Methyl Acetate	2.75	43	189682	48.282	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	552076	50.912	ug/l	99
20) Methylene Chloride	2.83	84	186007	50.772	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	176871	50.951	ug/l	97
22) Diisopropyl ether	3.82	45	517447	50.892	ug/l	94
23) Vinyl Acetate	3.78	43	2099799	242.409	ug/l	100
24) 1,1-Dichloroethane	3.67	63	308385	50.297	ug/l	99
25) 2-Butanone	4.63	43	626490	253.956	ug/l	99
26) 2,2-Dichloropropane	4.55	77	223032	42.240	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	260246	64.062	ug/l	96
28) Bromochloromethane	4.98	49	150041	51.334	ug/l	99
29) Tetrahydrofuran	5.09	42	408151	256.795	ug/l	100
30) Chloroform	5.17	83	318836	50.574	ug/l	100
31) Cyclohexane	5.55	56	269487	50.722	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	276649	50.956	ug/l	100
36) 1,1-Dichloropropene	5.77	75	235561	48.743	ug/l	100
37) Ethyl Acetate	4.79	43	228896	46.911	ug/l	99
38) Carbon Tetrachloride	5.75	117	235500	49.763	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	275997	48.610	ug/l	99
40) Benzene	6.11	78	728390	49.341	ug/l	99
41) Methacrylonitrile	5.00	41	132174	49.337	ug/l	97
42) 1,2-Dichloroethane	6.16	62	252129	49.987	ug/l	100
43) Isopropyl Acetate	6.41	43	380092	47.913	ug/l	100
44) Trichloroethene	7.18	130	189429	48.906	ug/l	100
45) 1,2-Dichloropropane	7.49	63	183668	49.781	ug/l	99
46) Dibromomethane	7.63	93	125632	50.422	ug/l	100
47) Bromodichloromethane	7.87	83	250648	50.696	ug/l	99
48) Methyl methacrylate	7.74	41	196849	50.455	ug/l	100
49) 1,4-Dioxane	7.71	88	85587	905.562	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1243885	256.825	ug/l	100
52) Toluene	8.76	92	460451	49.870	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	272356	49.641	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	292397	49.056	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	186618	50.155	ug/l	99
56) Ethyl methacrylate	9.16	69	290233	51.557	ug/l	100
57) 1,3-Dichloropropane	9.35	76	315881	49.719	ug/l	99
59) 2-Hexanone	9.47	43	956771	254.853	ug/l	100
60) Dibromochloromethane	9.56	129	196097	51.874	ug/l	100
61) 1,2-Dibromoethane	9.65	107	197701	50.038	ug/l	99
64) Tetrachloroethene	9.32	164	159149	48.192	ug/l	95
65) Chlorobenzene	10.12	112	491968	50.145	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	179215	50.752	ug/l	98
67) Ethyl Benzene	10.23	91	881027	50.591	ug/l	100
68) m/p-Xylenes	10.34	106	664921	101.327	ug/l	100
69) o-Xylene	10.68	106	326300	51.692	ug/l	97
70) Styrene	10.70	104	542422	50.910	ug/l	99
71) Bromoform	10.84	173	145736	52.462	ug/l #	97
73) Isopropylbenzene	11.00	105	857183	50.174	ug/l	99
74) N-amyl acetate	10.88	43	327537	47.841	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	303375	50.367	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	280447m	50.004	ug/l	
77) Bromobenzene	11.24	156	215604	49.314	ug/l	99
78) n-propylbenzene	11.34	91	978615	50.152	ug/l	100
79) 2-Chlorotoluene	11.40	91	593314	49.375	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	721697	50.053	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	95808	49.383	ug/l	98
82) 4-Chlorotoluene	11.49	91	694627	49.358	ug/l	100
83) tert-Butylbenzene	11.76	119	718065	50.778	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	743681	51.203	ug/l	98
85) sec-Butylbenzene	11.93	105	808278	50.063	ug/l	100
86) p-Isopropyltoluene	12.05	119	739739	49.993	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	396695	49.436	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	392110	47.976	ug/l	99
89) n-Butylbenzene	12.37	91	646165	49.290	ug/l	99
90) Hexachloroethane	12.58	117	130100	50.928	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	441440	56.433	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	64547	49.849	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	236112	46.369	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	98779	43.402	ug/l	98
95) Naphthalene	13.82	128	853097	51.677	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	242870	48.805	ug/l	98

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

