

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082620\
 Data File : VX018086.D
 Acq On : 26 Aug 2020 18:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/27/2020 12:19:14 PM

Quant Time: Aug 27 04:54:28 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	483366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	767652	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	745032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	395840	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	346889	51.69	ug/l	0.00
Spiked Amount			Recovery	=	103.38%	
35) Dibromofluoromethane	5.46	113	271442	51.92	ug/l	0.00
Spiked Amount			Recovery	=	103.84%	
50) Toluene-d8	8.70	98	991515	50.92	ug/l	0.00
Spiked Amount			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	11.12	95	407824	53.23	ug/l	0.00
Spiked Amount			Recovery	=	106.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	294672	50.071	ug/l	100
3) Chloromethane	1.31	50	293246	47.263	ug/l	98
4) Vinyl Chloride	1.39	62	286131	46.327	ug/l	98
5) Bromomethane	1.62	94	169723	56.972	ug/l	99
6) Chloroethane	1.71	64	163677	49.341	ug/l	97
7) Trichlorofluoromethane	1.92	101	453562	53.855	ug/l	97
8) Diethyl Ether	2.17	74	139570	48.867	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	232494	51.063	ug/l	98
10) Methyl Iodide	2.49	142	256041	52.290	ug/l	98
11) Tert butyl alcohol	3.02	59	322111	246.878	ug/l	99
12) 1,1-Dichloroethene	2.36	96	229795	48.648	ug/l	94
13) Acrolein	2.28	56	90301	166.915	ug/l	99
14) Allyl chloride	2.71	41	410807	48.406	ug/l	99
15) Acrylonitrile	3.12	53	714105	241.281	ug/l	100
16) Acetone	2.42	43	638293	244.111	ug/l	99
17) Carbon Disulfide	2.55	76	665554	46.608	ug/l	99
18) Methyl Acetate	2.75	43	315905	50.066	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	812014	50.125	ug/l	98
20) Methylene Chloride	2.84	84	272694	51.029	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	249997	47.769	ug/l	99
22) Diisopropyl ether	3.83	45	811990	48.477	ug/l	99
23) Vinyl Acetate	3.79	43	3703451	248.479	ug/l	100
24) 1,1-Dichloroethane	3.67	63	459754	48.218	ug/l	100
25) 2-Butanone	4.64	43	999837	232.668	ug/l	96
26) 2,2-Dichloropropane	4.55	77	361798	46.635	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	277554	46.030	ug/l	100
28) Bromochloromethane	4.98	49	227282	49.383	ug/l	96
29) Tetrahydrofuran	5.09	42	644468	235.589	ug/l	97
30) Chloroform	5.18	83	490000	49.630	ug/l	97
31) Cyclohexane	5.55	56	385069	47.943	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	456696	50.406	ug/l	100
36) 1,1-Dichloropropene	5.77	75	347267	49.046	ug/l	100
37) Ethyl Acetate	4.79	43	389932	47.417	ug/l	98
38) Carbon Tetrachloride	5.76	117	419587	52.584	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	386085	49.867	ug/l	99
40) Benzene	6.12	78	1016359	48.852	ug/l	99
41) Methacrylonitrile	5.01	41	216764	48.007	ug/l	99
42) 1,2-Dichloroethane	6.17	62	408611	51.261	ug/l	98
43) Isopropyl Acetate	6.42	43	636003	47.883	ug/l	100
44) Trichloroethene	7.19	130	284943	48.471	ug/l	100
45) 1,2-Dichloropropane	7.49	63	273035	48.693	ug/l	94
46) Dibromomethane	7.63	93	194406	49.302	ug/l	100
47) Bromodichloromethane	7.88	83	403707	51.276	ug/l	99
48) Methyl methacrylate	7.75	41	321054	48.555	ug/l	99
49) 1,4-Dioxane	7.71	88	120308	1004.471	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2034140	247.924	ug/l	100
52) Toluene	8.77	92	653505	49.536	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	438918	50.300	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	453095	49.017	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	276788	49.194	ug/l	97
56) Ethyl methacrylate	9.16	69	416239	49.763	ug/l	99
57) 1,3-Dichloropropane	9.35	76	454455	48.971	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	903900	240.229	ug/l	99
59) 2-Hexanone	9.48	43	1568169	251.361	ug/l	99
60) Dibromochloromethane	9.57	129	343789	52.086	ug/l	100
61) 1,2-Dibromoethane	9.65	107	311539	51.001	ug/l	97
64) Tetrachloroethene	9.32	164	258966	47.300	ug/l	90
65) Chlorobenzene	10.12	112	735103	49.402	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	297705	50.762	ug/l	97
67) Ethyl Benzene	10.24	91	1282181	50.670	ug/l	99
68) m/p-Xylenes	10.34	106	973207	103.040	ug/l	98
69) o-Xylene	10.68	106	466402	50.940	ug/l	97
70) Styrene	10.70	104	820432	52.618	ug/l	99
71) Bromoform	10.84	173	271637	54.302	ug/l	99
73) Isopropylbenzene	11.01	105	1286955	49.290	ug/l	99
74) N-amyl acetate	10.88	43	595179	48.044	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	415291	45.088	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	396909m	45.075	ug/l	
77) Bromobenzene	11.24	156	344178	47.688	ug/l	96
78) n-propylbenzene	11.34	91	1481812	49.982	ug/l	100
79) 2-Chlorotoluene	11.40	91	894851	48.855	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1092019	50.896	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	155090	47.569	ug/l	100
82) 4-Chlorotoluene	11.49	91	1053919	48.401	ug/l	99
83) tert-Butylbenzene	11.76	119	1091358	51.542	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1123970	51.238	ug/l	100
85) sec-Butylbenzene	11.93	105	1234509	51.268	ug/l	99
86) p-Isopropyltoluene	12.05	119	1175958	53.167	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	599397	47.302	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	594705	46.873	ug/l	99
89) n-Butylbenzene	12.37	91	986297	48.856	ug/l	99
90) Hexachloroethane	12.58	117	225201	51.750	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	583997	48.960	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	110508	47.984	ug/l	93

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	380854	47.882	ug/l	98
94) Hexachlorobutadiene	13.77	225	161774	51.565	ug/l	97
95) Naphthalene	13.82	128	1273365	48.645	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	382682	48.692	ug/l	99

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

