

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082120\
 Data File : VX018049.D
 Acq On : 21 Aug 2020 10:30
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

sam
 8/24/2020 5:50:48 PM

Quant Time: Aug 21 23:59:21 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	663221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1044585	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	969248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	484383	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	430438	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	
35) Dibromofluoromethane	5.46	113	347200	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
50) Toluene-d8	8.70	98	1247727	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
62) 4-Bromofluorobenzene	11.12	95	487260	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	417165	51.662	ug/l	98
3) Chloromethane	1.32	50	387921	45.567	ug/l	97
4) Vinyl Chloride	1.39	62	418230	49.352	ug/l	97
5) Bromomethane	1.62	94	220538	53.954	ug/l	97
6) Chloroethane	1.71	64	243751	53.553	ug/l	96
7) Trichlorofluoromethane	1.92	101	607759	52.595	ug/l	98
8) Diethyl Ether	2.17	74	207114	52.851	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	320572	51.314	ug/l	95
10) Methyl Iodide	2.49	142	360301	53.493	ug/l	100
11) Tert butyl alcohol	3.02	59	435203	243.101	ug/l	99
12) 1,1-Dichloroethene	2.36	96	309737	47.789	ug/l	98
13) Acrolein	2.28	56	227677	306.718	ug/l	99
14) Allyl chloride	2.71	41	641263	55.070	ug/l	100
15) Acrylonitrile	3.12	53	994928	245.002	ug/l	100
16) Acetone	2.42	43	814444	227.011	ug/l	95
17) Carbon Disulfide	2.55	76	996396	50.854	ug/l	100
18) Methyl Acetate	2.75	43	435899	50.349	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1178566	53.022	ug/l	99
20) Methylene Chloride	2.84	84	384783	52.512	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	370513	51.598	ug/l	98
22) Diisopropyl ether	3.82	45	1236214	53.789	ug/l	95
23) Vinyl Acetate	3.78	43	5559495	271.855	ug/l	100
24) 1,1-Dichloroethane	3.67	63	685075	52.365	ug/l	99
25) 2-Butanone	4.64	43	1443455	244.810	ug/l	98
26) 2,2-Dichloropropane	4.54	77	640976	60.215	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	420191	50.788	ug/l	99
28) Bromochloromethane	4.98	49	310305	49.138	ug/l	98
29) Tetrahydrofuran	5.09	42	916240	244.108	ug/l	100
30) Chloroform	5.18	83	697371	51.479	ug/l	97
31) Cyclohexane	5.55	56	608408	55.208	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	640013	51.483	ug/l	99
36) 1,1-Dichloropropene	5.77	75	534073	55.432	ug/l	99
37) Ethyl Acetate	4.79	43	560064	50.050	ug/l	99
38) Carbon Tetrachloride	5.76	117	580223	53.438	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	593018	56.289	ug/l	98
40) Benzene	6.11	78	1521290	53.736	ug/l	100
41) Methacrylonitrile	5.00	41	311662	50.725	ug/l	100
42) 1,2-Dichloroethane	6.16	62	571918	52.727	ug/l	98
43) Isopropyl Acetate	6.41	43	933783	51.664	ug/l	100
44) Trichloroethene	7.19	130	429649	53.710	ug/l	93
45) 1,2-Dichloropropane	7.49	63	405514	53.146	ug/l	97
46) Dibromomethane	7.63	93	268523	50.045	ug/l	99
47) Bromodichloromethane	7.87	83	563389	52.586	ug/l	98
48) Methyl methacrylate	7.74	41	453657	50.421	ug/l	99
49) 1,4-Dioxane	7.71	88	179927	1103.977	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	2671607	239.294	ug/l	100
52) Toluene	8.76	92	928932	51.746	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	623710	52.528	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	654285	52.017	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	379211	49.530	ug/l	98
56) Ethyl methacrylate	9.16	69	597556	52.501	ug/l	99
57) 1,3-Dichloropropane	9.35	76	631799	50.032	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1315102	256.853	ug/l	100
59) 2-Hexanone	9.47	43	2072053	244.077	ug/l	99
60) Dibromochloromethane	9.57	129	456770	50.857	ug/l	99
61) 1,2-Dibromoethane	9.65	107	404265	48.636	ug/l	100
64) Tetrachloroethene	9.32	164	380528	53.425	ug/l	97
65) Chlorobenzene	10.12	112	1036052	53.521	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	401605	52.637	ug/l	99
67) Ethyl Benzene	10.23	91	1806449	54.874	ug/l	100
68) m/p-Xylenes	10.34	106	1384394	112.668	ug/l	99
69) o-Xylene	10.68	106	648577	54.451	ug/l	99
70) Styrene	10.70	104	1118793	55.155	ug/l	99
71) Bromoform	10.84	173	340497	52.321	ug/l	96
73) Isopropylbenzene	11.00	105	1814490	56.791	ug/l	99
74) N-amyl acetate	10.88	43	827189	54.566	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	540570	47.961	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	547878m	50.846	ug/l	
77) Bromobenzene	11.24	156	458755	51.944	ug/l	99
78) n-propylbenzene	11.34	91	2091652	57.656	ug/l	99
79) 2-Chlorotoluene	11.40	91	1220862	54.470	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1473777	56.132	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	211458	53.002	ug/l	98
82) 4-Chlorotoluene	11.49	91	1417704	53.207	ug/l	100
83) tert-Butylbenzene	11.76	119	1421302	54.854	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1499535	55.863	ug/l	100
85) sec-Butylbenzene	11.93	105	1644352	55.806	ug/l	99
86) p-Isopropyltoluene	12.05	119	1556009	57.490	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	830408	53.554	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	818104	52.694	ug/l	98
89) n-Butylbenzene	12.37	91	1345998	54.486	ug/l	99
90) Hexachloroethane	12.58	117	287141	53.922	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	766191	52.493	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	129581	45.980	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	531436	54.601	ug/l	99
94) Hexachlorobutadiene	13.77	225	204317	53.220	ug/l	96
95) Naphthalene	13.82	128	1726599	53.902	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	525188	54.609	ug/l	98

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

