

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102320\
 Data File : VX019092.D
 Acq On : 23 Oct 2020 22:06
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 10:02:38 AM

Quant Time: Oct 26 05:44:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	222536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	371991	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	335129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	174066	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	130314	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
35) Dibromofluoromethane	5.46	113	115960	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
50) Toluene-d8	8.70	98	435855	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
62) 4-Bromofluorobenzene	11.12	95	153666	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	113648	51.270	ug/l	98
3) Chloromethane	1.31	50	101706	46.147	ug/l	99
4) Vinyl Chloride	1.39	62	127805	49.146	ug/l	99
5) Bromomethane	1.63	94	89153	36.154	ug/l	95
6) Chloroethane	1.71	64	86556	47.346	ug/l	99
7) Trichlorofluoromethane	1.92	101	219432	49.932	ug/l	100
8) Diethyl Ether	2.17	74	82873	48.160	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	106156	50.989	ug/l	99
10) Methyl Iodide	2.49	142	119838	41.695	ug/l	100
11) Tert butyl alcohol	3.02	59	127841	236.797	ug/l	100
12) 1,1-Dichloroethene	2.36	96	106162	49.013	ug/l	99
13) Acrolein	2.27	56	72528	350.472	ug/l	100
14) Allyl chloride	2.71	41	135010	48.182	ug/l	99
15) Acrylonitrile	3.11	53	255695	244.922	ug/l	100
16) Acetone	2.42	43	211411	232.846	ug/l	100
17) Carbon Disulfide	2.55	76	282225	45.179	ug/l	99
18) Methyl Acetate	2.75	43	114452	50.799	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	344908	50.270	ug/l	98
20) Methylene Chloride	2.84	84	123729	48.950	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	123840	48.998	ug/l	99
22) Diisopropyl ether	3.82	45	275592	49.877	ug/l	98
23) Vinyl Acetate	3.78	43	1307524	249.212	ug/l	100
24) 1,1-Dichloroethane	3.67	63	200996	49.951	ug/l	100
25) 2-Butanone	4.64	43	347985	242.562	ug/l	99
26) 2,2-Dichloropropane	4.55	77	172437	46.413	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	144218	50.279	ug/l	98
28) Bromochloromethane	4.98	49	82581	48.331	ug/l	95
29) Tetrahydrofuran	5.09	42	202770	236.474	ug/l	99
30) Chloroform	5.18	83	224698	51.434	ug/l	97
31) Cyclohexane	5.55	56	151728	48.606	ug/l	93
32) 1,1,1-Trichloroethane	5.46	97	203258	51.300	ug/l	100
36) 1,1-Dichloropropene	5.77	75	164372	49.245	ug/l	99
37) Ethyl Acetate	4.79	43	140348	49.264	ug/l	99
38) Carbon Tetrachloride	5.75	117	174625	49.844	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	182902	48.910	ug/l	100
40) Benzene	6.12	78	494196	50.272	ug/l	99
41) Methacrylonitrile	5.00	41	73974	48.338	ug/l	99
42) 1,2-Dichloroethane	6.16	62	169513	50.528	ug/l	100
43) Isopropyl Acetate	6.41	43	235915	48.895	ug/l	99
44) Trichloroethene	7.19	130	140179	48.897	ug/l	96
45) 1,2-Dichloropropane	7.49	63	118854	50.404	ug/l	99
46) Dibromomethane	7.63	93	89652	49.918	ug/l	99
47) Bromodichloromethane	7.88	83	177345	50.362	ug/l	98
48) Methyl methacrylate	7.74	41	111622	46.952	ug/l	98
49) 1,4-Dioxane	7.73	88	52291	973.481	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	708565	249.220	ug/l	100
52) Toluene	8.76	92	325669	50.158	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	192026	48.290	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	209207	49.820	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	131357	49.627	ug/l	98
56) Ethyl methacrylate	9.16	69	191606	50.316	ug/l	99
57) 1,3-Dichloropropane	9.35	76	213718	50.870	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	491298	245.598	ug/l	99
59) 2-Hexanone	9.47	43	526351	248.426	ug/l	100
60) Dibromochloromethane	9.57	129	144386	50.048	ug/l	98
61) 1,2-Dibromoethane	9.65	107	140657	49.667	ug/l	100
64) Tetrachloroethene	9.32	164	126486	49.572	ug/l	97
65) Chlorobenzene	10.12	112	353182	50.242	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	130603	52.257	ug/l	99
67) Ethyl Benzene	10.24	91	622487	51.372	ug/l	97
68) m/p-Xylenes	10.34	106	479706	103.347	ug/l	98
69) o-Xylene	10.68	106	228708	51.483	ug/l	100
70) Styrene	10.70	104	390719	51.804	ug/l	99
71) Bromoform	10.84	173	102941	51.023	ug/l	100
73) Isopropylbenzene	11.00	105	620838	49.580	ug/l	100
74) N-amyl acetate	10.88	43	197616	49.256	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	193748	51.361	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	176838m	50.829	ug/l	
77) Bromobenzene	11.24	156	155944	49.312	ug/l	98
78) n-propylbenzene	11.34	91	706096	49.764	ug/l	99
79) 2-Chlorotoluene	11.40	91	408153	49.308	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	512439	49.557	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	62624	45.860	ug/l	99
82) 4-Chlorotoluene	11.49	91	483083	49.047	ug/l	99
83) tert-Butylbenzene	11.76	119	510599	50.125	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	519472	50.170	ug/l	100
85) sec-Butylbenzene	11.93	105	613166	49.743	ug/l	98
86) p-Isopropyltoluene	12.05	119	569469	50.561	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	286509	49.388	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	292086	49.063	ug/l	99
89) n-Butylbenzene	12.37	91	504723	48.957	ug/l	100
90) Hexachloroethane	12.58	117	87083	50.504	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	278615	51.511	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	42944	49.994	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	190895	48.241	ug/l	97
94) Hexachlorobutadiene	13.77	225	79790	43.493	ug/l	97
95) Naphthalene	13.82	128	644637	51.776	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	193733	50.297	ug/l	99

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

