

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112120\
 Data File : VX019511.D
 Acq On : 20 Nov 2020 22:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 3:51:17 PM

Quant Time: Nov 21 05:02:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	255669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	427312	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	381352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	191334	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	167206	50.44	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.88%
35) Dibromofluoromethane	5.46	113	134469	50.13	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.26%
50) Toluene-d8	8.70	98	509947	48.93	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.86%
62) 4-Bromofluorobenzene	11.12	95	186632	49.77	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.54%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	129286	52.000	ug/l 99
3) Chloromethane	1.31	50	140222	49.148	ug/l 99
4) Vinyl Chloride	1.39	62	161064	52.443	ug/l 100
5) Bromomethane	1.62	94	55118	47.381	ug/l 97
6) Chloroethane	1.68	64	38241	51.214	ug/l 94
7) Trichlorofluoromethane	1.89	101	230568	52.015	ug/l 99
8) Diethyl Ether	2.17	74	96891	54.578	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	130660	52.835	ug/l 100
10) Methyl Iodide	2.48	142	165825	51.041	ug/l 100
11) Tert butyl alcohol	3.05	59	177960	283.665	ug/l 100
12) 1,1-Dichloroethene	2.34	96	132492	52.198	ug/l 97
13) Acrolein	2.28	56	102114	242.144	ug/l 100
14) Allyl chloride	2.70	41	202652	50.964	ug/l 100
15) Acrylonitrile	3.12	53	408965	276.415	ug/l 100
16) Acetone	2.43	43	326102	254.378	ug/l 99
17) Carbon Disulfide	2.54	76	334264	49.019	ug/l 99
18) Methyl Acetate	2.75	43	171691	54.564	ug/l 98
19) Methyl tert-butyl Ether	3.17	73	480657	54.860	ug/l 100
20) Methylene Chloride	2.83	84	159207	49.688	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	150270	52.252	ug/l 99
22) Diisopropyl ether	3.83	45	446026	54.222	ug/l 94
23) Vinyl Acetate	3.79	43	1925042	279.000	ug/l 100
24) 1,1-Dichloroethane	3.67	63	268817	53.428	ug/l 99
25) 2-Butanone	4.64	43	517205	268.574	ug/l 100
26) 2,2-Dichloropropane	4.54	77	203854	46.418	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	176150	53.323	ug/l 99
28) Bromochloromethane	4.98	49	114571	47.628	ug/l 99
29) Tetrahydrofuran	5.10	42	337972	275.061	ug/l 99
30) Chloroform	5.18	83	279367	53.101	ug/l 97
31) Cyclohexane	5.54	56	225612	52.328	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	242326	53.621	ug/l 100
36) 1,1-Dichloropropene	5.76	75	203828	50.880	ug/l 99
37) Ethyl Acetate	4.80	43	207396	55.146	ug/l 100
38) Carbon Tetrachloride	5.75	117	203170	52.396	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	238308	51.090	ug/l	99
40) Benzene	6.11	78	636508	51.712	ug/l	99
41) Methacrylonitrile	5.01	41	110559	53.309	ug/l	99
42) 1,2-Dichloroethane	6.16	62	218892	51.884	ug/l	100
43) Isopropyl Acetate	6.42	43	330624	52.297	ug/l	100
44) Trichloroethene	7.18	130	165259	51.257	ug/l	95
45) 1,2-Dichloropropane	7.49	63	159252	52.556	ug/l	99
46) Dibromomethane	7.63	93	108915	52.517	ug/l	98
47) Bromodichloromethane	7.88	83	211929	52.662	ug/l	99
48) Methyl methacrylate	7.75	41	162063	54.737	ug/l	99
49) 1,4-Dioxane	7.72	88	77855	1158.123	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1018088	276.162	ug/l	100
52) Toluene	8.76	92	391306	51.968	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	227061	52.243	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	253140	52.483	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	160256	52.258	ug/l	99
56) Ethyl methacrylate	9.16	69	238212	54.897	ug/l	100
57) 1,3-Dichloropropane	9.35	76	265983	51.807	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	642490	252.688	ug/l	99
59) 2-Hexanone	9.48	43	771072	275.780	ug/l	100
60) Dibromochloromethane	9.57	129	160609	53.470	ug/l	99
61) 1,2-Dibromoethane	9.65	107	164528	52.049	ug/l	99
64) Tetrachloroethene	9.32	164	148226	49.448	ug/l	96
65) Chlorobenzene	10.12	112	402007	51.272	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	151620	53.163	ug/l	98
67) Ethyl Benzene	10.24	91	732750	53.347	ug/l	97
68) m/p-Xylenes	10.34	106	547347	106.958	ug/l	100
69) o-Xylene	10.68	106	263944	53.956	ug/l	99
70) Styrene	10.69	104	454758	50.214	ug/l	100
71) Bromoform	10.84	173	113625	47.245	ug/l	99
73) Isopropylbenzene	11.00	105	697197	52.674	ug/l	99
74) N-amyl acetate	10.88	43	280140	56.483	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	249983	52.813	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	217999m	52.208	ug/l	
77) Bromobenzene	11.24	156	176513	52.239	ug/l	99
78) n-propylbenzene	11.34	91	799389	52.646	ug/l	100
79) 2-Chlorotoluene	11.40	91	486740	52.856	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	599606	54.002	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	74872	48.563	ug/l	99
82) 4-Chlorotoluene	11.49	91	572734	52.833	ug/l	99
83) tert-Butylbenzene	11.76	119	579856	53.980	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	619576	55.149	ug/l	99
85) sec-Butylbenzene	11.93	105	684276	53.545	ug/l	99
86) p-Isopropyltoluene	12.05	119	629992	54.297	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	316053	50.932	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	320693	50.171	ug/l	100
89) n-Butylbenzene	12.37	91	557129	53.113	ug/l	99
90) Hexachloroethane	12.58	117	104428	53.787	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	325237	52.184	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	54176	56.103	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	210066	52.498	ug/l	99
94) Hexachlorobutadiene	13.77	225	89216	48.944	ug/l	99
95) Naphthalene	13.82	128	727088	51.453	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	214991	53.715	ug/l	98

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

