

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082120\
 Data File : VX018046.D
 Acq On : 20 Aug 2020 20:54
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 11:23:15 AM

Quant Time: Aug 21 02:55:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 02:36:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	589872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	965062	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	950535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	463160	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	1239501	157.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	314.44%	
35) Dibromofluoromethane	5.47	113	1010331	161.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	323.46%	
50) Toluene-d8	8.70	98	3704109	155.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	310.20%	
62) 4-Bromofluorobenzene	11.12	95	1468626	160.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	321.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	1106674	171.636	ug/l	98
3) Chloromethane	1.31	50	1133824	155.341	ug/l	99
4) Vinyl Chloride	1.39	62	1111416	143.621	ug/l	98
5) Bromomethane	1.62	94	543425	139.760	ug/l	99
6) Chloroethane	1.69	64	593788	129.067	ug/l	98
7) Trichlorofluoromethane	1.90	101	1530642	150.110	ug/l	99
8) Diethyl Ether	2.17	74	521686	125.341	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	817913	140.886	ug/l	99
10) Methyl Iodide	2.48	142	956430	130.174	ug/l	99
11) Tert butyl alcohol	3.04	59	1184884	628.756	ug/l	98
12) 1,1-Dichloroethene	2.35	96	832634	137.249	ug/l	98
13) Acrolein	2.28	56	542497	485.239	ug/l	98
14) Allyl chloride	2.70	41	1581187	141.860	ug/l	99
15) Acrylonitrile	3.12	53	2756852	689.580	ug/l	100
16) Acetone	2.43	43	2321613	683.071	ug/l	99
17) Carbon Disulfide	2.54	76	2483132	120.831	ug/l	100
18) Methyl Acetate	2.75	43	1178326	140.318	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	2984543	142.619	ug/l	98
20) Methylene Chloride	2.83	84	951399	133.570	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	924079	136.231	ug/l	98
22) Diisopropyl ether	3.83	45	3064491	144.811	ug/l	99
23) Vinyl Acetate	3.79	43	13953897	748.416	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1733337	146.190	ug/l	99
25) 2-Butanone	4.64	43	4013620	729.179	ug/l	99
26) 2,2-Dichloropropane	4.55	77	1355875	127.580	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	1088854	146.602	ug/l	98
28) Bromochloromethane	4.98	49	847403	155.425	ug/l	99
29) Tetrahydrofuran	5.10	42	2563803	703.707	ug/l	99
30) Chloroform	5.18	83	1760547	148.551	ug/l	97
31) Cyclohexane	5.55	56	1485170	140.430	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	1633014	151.401	ug/l	99
36) 1,1-Dichloropropene	5.77	75	1320309	139.426	ug/l	100
37) Ethyl Acetate	4.80	43	1568503	144.264	ug/l	99
38) Carbon Tetrachloride	5.75	117	1480488	151.718	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	1490583	132.905	ug/l	99
40) Benzene	6.11	78	3814879	138.306	ug/l	99
41) Methacrylonitrile	5.01	41	847849	144.197	ug/l	99
42) 1,2-Dichloroethane	6.17	62	1457469	145.194	ug/l	99
43) Isopropyl Acetate	6.42	43	2557578	146.461	ug/l	100
44) Trichloroethene	7.19	130	1085766	113.870	ug/l	99
45) 1,2-Dichloropropane	7.49	63	1050710	149.021	ug/l	94
46) Dibromomethane	7.64	93	739791	153.742	ug/l	99
47) Bromodichloromethane	7.88	83	1487532	152.171	ug/l	99
48) Methyl methacrylate	7.75	41	1321187	158.620	ug/l	98
49) 1,4-Dioxane	7.72	88	444186	2298.130	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	7837953	733.330	ug/l	99
52) Toluene	8.77	92	2455316	142.479	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	1709397	147.875	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	1771351	146.764	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	1038834	151.518	ug/l	97
56) Ethyl methacrylate	9.16	69	1684978	152.712	ug/l	99
57) 1,3-Dichloropropane	9.35	76	1745238	146.942	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	3738210	653.365	ug/l	99
59) 2-Hexanone	9.48	43	5964723	711.530	ug/l	99
60) Dibromochloromethane	9.57	129	1304124	170.993	ug/l	100
61) 1,2-Dibromoethane	9.65	107	1150280	155.106	ug/l	99
64) Tetrachloroethene	9.32	164	937649	85.718	ug/l	94
65) Chlorobenzene	10.12	112	2797301	141.160	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	1122435	151.792	ug/l	98
67) Ethyl Benzene	10.24	91	4937140	140.456	ug/l	99
68) m/p-Xylenes	10.34	106	3699037	280.780	ug/l	99
69) o-Xylene	10.68	106	1803955	142.715	ug/l	99
70) Styrene	10.70	104	3060711	142.277	ug/l	99
71) Bromoform	10.84	173	962876	159.121	ug/l	99
73) Isopropylbenzene	11.00	105	4664986	139.786	ug/l	99
74) N-amyl acetate	10.88	43	2274513	145.184	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	1554833	236.028	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	1435985m	137.558	ug/l	
77) Bromobenzene	11.24	156	1238709	142.758	ug/l	99
78) n-propylbenzene	11.35	91	5426586	140.107	ug/l	100
79) 2-Chlorotoluene	11.41	91	3263140	141.557	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	3971612	140.885	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	588900	137.460	ug/l	98
82) 4-Chlorotoluene	11.49	91	3855738	141.839	ug/l	100
83) tert-Butylbenzene	11.76	119	3851512	155.436	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	4006587	140.450	ug/l	98
85) sec-Butylbenzene	11.93	105	4484043	137.601	ug/l	100
86) p-Isopropyltoluene	12.05	119	4112086	135.929	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	2207806	142.245	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	2193842	139.428	ug/l	97
89) n-Butylbenzene	12.37	91	3729510	135.220	ug/l	99
90) Hexachloroethane	12.58	117	813544	154.475	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	2077536	138.654	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	408042	148.053	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	1443764	131.891	ug/l	100
94) Hexachlorobutadiene	13.77	225	544622	110.063	ug/l	98
95) Naphthalene	13.82	128	4862323	137.131	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1452964	136.648	ug/l	96

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

