

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051722\
 Data File : VU048604.D
 Acq On : 17 May 2022 17:10
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 18 05:19:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 18 05:17:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	237565	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	233118	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	143752	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	59685	41.019	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.040%
7) Chloroethane-d5	1.909	69	48673	44.649	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.300%
11) 1,1-Dichloroethene-d2	2.569	63	149653	45.477	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.960%
21) 2-Butanone-d5	4.623	46	127295	91.931	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.930%
24) Chloroform-d	5.064	84	178724	48.607	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.220%
26) 1,2-Dichloroethane-d4	5.703	65	124783	48.104	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.200%
32) Benzene-d6	5.729	84	304359	46.912	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.820%
36) 1,2-Dichloropropane-d6	6.691	67	89682	47.086	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.180%
41) Toluene-d8	7.900	98	299773	49.123	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.240%
43) trans-1,3-Dichloroprop...	8.179	79	55599	45.650	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.300%
47) 2-Hexanone-d5	8.633	63	97872	93.700	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.700%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	145950	46.309	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.620%
66) 1,2-Dichlorobenzene-d4	12.195	152	135946	46.261	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	123535	48.389	ug/L	99
3) Chloromethane	1.524	50	68614	43.558	ug/L	96
5) Vinyl chloride	1.604	62	78356	46.760	ug/L	98
6) Bromomethane	1.855	94	58306	48.198	ug/L	99
8) Chloroethane	1.932	64	46541	47.187	ug/L	100
9) Trichlorofluoromethane	2.138	101	163913	50.107	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	84339	50.560	ug/L	98
12) 1,1-Dichloroethene	2.581	96	76858	49.725	ug/L	98
13) Acetone	2.626	43	91480	81.319	ug/L	100
14) Carbon disulfide	2.794	76	205781	45.877	ug/L	100
15) Methyl Acetate	2.948	43	89230	46.475	ug/L	99
16) Methylene chloride	3.048	84	87152	48.433	ug/L	97
17) trans-1,2-Dichloroethene	3.356	96	82927	49.744	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	293458	50.737	ug/L	99
19) 1,1-Dichloroethane	3.871	63	153014	50.134	ug/L	100
20) cis-1,2-Dichloroethene	4.668	96	93636	49.805	ug/L	100
22) 2-Butanone	4.704	43	126821	88.787	ug/L	98
23) Bromochloromethane	4.977	128	51646	49.505	ug/L	95
25) Chloroform	5.089	83	180114	50.558	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	154439	50.536	ug/L	99
29) Cyclohexane	5.392	56	117830	49.211	ug/L	99
30) 1,1,1-Trichloroethane	5.318	97	178024	50.435	ug/L	98
31) Carbon tetrachloride	5.527	117	158151	49.164	ug/L	97
33) Benzene	5.774	78	335208	49.218	ug/L	100
34) Trichloroethene	6.543	95	96416	50.037	ug/L	98
35) Methylcyclohexane	6.765	83	139882	50.588	ug/L	99
37) 1,2-Dichloropropane	6.790	63	82937	48.701	ug/L	99
38) Bromodichloromethane	7.105	83	137603	49.941	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	146400	50.352	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	245428	94.438	ug/L	99
42) Toluene	7.970	91	380477	51.254	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	155518	50.719	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	91298	50.062	ug/L	97
46) Tetrachloroethene	8.552	164	82286	52.333	ug/L	96
48) 2-Hexanone	8.684	43	202200	90.808	ug/L	98
49) Dibromochloromethane	8.809	129	119068	50.783	ug/L	99
50) 1,2-Dibromoethane	8.925	107	104911	49.846	ug/L	97
51) Chlorobenzene	9.449	112	258362	49.902	ug/L	98
52) Ethylbenzene	9.571	91	423798	49.957	ug/L	98
53) m,p-Xylene	9.694	106	172540	50.611	ug/L	99
54) o-Xylene	10.102	106	166601	51.010	ug/L	99
55) Styrene	10.115	104	290542	51.164	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.784	83	149815	47.532	ug/L	98
59) Bromoform	10.292	173	94326	47.735	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	131788	46.226	ug/L	96
61) Isopropylbenzene	10.485	105	443717	50.120	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	256099	50.883	ug/L	99
63) 1,2,4-Trimethylbenzene	11.469	105	401134	51.254	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	227196	49.764	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	228217	48.171	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	227372	48.964	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	51233	46.479	ug/L	98
69) 1,3,5-Trichlorobenzene	13.218	180	181163	49.785	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	163070	49.547	ug/L	99
71) Naphthalene	14.086	128	507527	46.767	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	164647	49.827	ug/L	99

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

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