

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020724\
 Data File : VU057832.D
 Acq On : 07 Feb 2024 10:37
 Operator : MD/SY
 Sample : VSTD10056
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100056

Quant Time: Feb 08 01:07:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 08 01:05:45 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	271772	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	253630	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	131198	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	218101	111.609	ug/L	0.00
7) Chloroethane-d5	1.904	69	153156	101.014	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	63	399673	99.994	ug/L	0.00
21) 2-Butanone-d5	4.615	46	254311	261.537	ug/L	0.00
24) Chloroform-d	5.052	84	389895	89.703	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	248089	87.278	ug/L	0.00
32) Benzene-d6	5.718	84	780931	111.028	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	244273	119.600	ug/L	0.00
41) Toluene-d8	7.891	98	711734	109.182	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	126066	108.679	ug/L	0.00
47) 2-Hexanone-d5	8.631	63	213654	304.261	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	327682	111.141	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	254516	98.377	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	232576	77.285	ug/L	99
3) Chloromethane	1.518	50	219814	107.867	ug/L	98
5) Vinyl chloride	1.602	62	234960	107.772	ug/L	99
6) Bromomethane	1.853	94	142223	99.161	ug/L	97
8) Chloroethane	1.924	64	127374	98.811	ug/L	99
9) Trichlorofluoromethane	2.126	101	327733	78.036	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	192781	91.424	ug/L	99
12) 1,1-Dichloroethene	2.570	96	177557	95.350	ug/L	97
13) Acetone	2.624	43	286130	236.488	ug/L	100
14) Carbon disulfide	2.782	76	553446	95.945	ug/L	100
15) Methyl Acetate	2.940	43	195592	125.385	ug/L	99
16) Methylene chloride	3.036	84	200729	94.777	ug/L	97
17) trans-1,2-Dichloroethene	3.345	96	182367	96.054	ug/L	99
18) Methyl tert-butyl Ether	3.351	73	647391	105.064	ug/L	99
19) 1,1-Dichloroethane	3.856	63	371848	103.967	ug/L	98
20) cis-1,2-Dichloroethene	4.653	96	212450	103.177	ug/L	97
22) 2-Butanone	4.692	43	325849	267.166	ug/L	99
23) Bromochloromethane	4.965	128	104177	90.599	ug/L	98
25) Chloroform	5.078	83	377367	89.876	ug/L	99
27) 1,2-Dichloroethane	5.782	62	309223	88.560	ug/L	100
29) Cyclohexane	5.380	56	333762	126.888	ug/L	98
30) 1,1,1-Trichloroethane	5.306	97	327605	85.325	ug/L	100
31) Carbon tetrachloride	5.515	117	287183	84.849	ug/L	100
33) Benzene	5.766	78	808206	108.706	ug/L	100
34) Trichloroethene	6.534	95	217411	101.348	ug/L	99
35) Methylcyclohexane	6.756	83	344776	114.479	ug/L	99
37) 1,2-Dichloropropane	6.782	63	220590	117.228	ug/L	99
38) Bromodichloromethane	7.097	83	281868	94.169	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	371577	115.245	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	571004	283.638	ug/L	100
42) Toluene	7.962	91	853509	107.762	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	344084	108.573	ug/L	99

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45) 1,1,2-Trichloroethane	8.393	97	204146	102.712	ug/L	99
46) Tetrachloroethene	8.547	164	150903	94.943	ug/L	98
48) 2-Hexanone	8.682	43	487231	294.545	ug/L	97
49) Dibromochloromethane	8.804	129	214987	91.785	ug/L	98
50) 1,2-Dibromoethane	8.917	107	222508	105.393	ug/L	97
51) Chlorobenzene	9.441	112	541257	102.509	ug/L	99
52) Ethylbenzene	9.563	91	970031	109.759	ug/L	99
53) m,p-Xylene	9.689	106	362456	109.731	ug/L	98
54) o-Xylene	10.094	106	349918	108.785	ug/L	95
55) Styrene	10.110	104	604722	111.530	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	338203	110.911	ug/L	99
59) Bromoform	10.287	173	159314	86.067	ug/L	97
60) 1,2,3-Trichloropropane	10.817	75	270308	105.548	ug/L	99
61) Isopropylbenzene	10.476	105	962231	109.031	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	821596	108.957	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	827274	111.823	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	415024	100.840	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	418288	98.842	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	413461	99.710	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	72470	105.942	ug/L	88
69) 1,3,5-Trichlorobenzene	13.212	180	296366	100.171	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	258378	112.286	ug/L	99
71) Naphthalene	14.081	128	748753	135.750	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	243686	113.209	ug/L	99

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

