

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU048992.D
 Acq On : 10 Jun 2022 12:46
 Operator : SY/MD
 Sample : VSTD00574
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005074

Quant Time: Jun 10 22:26:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 22:26:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	333542	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	313425	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	152157	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	9280	4.484	ug/L	0.00
7) Chloroethane-d5	1.912	69	7149	4.687	ug/L	0.01
11) 1,1-Dichloroethene-d2	2.568	63	18693	4.176	ug/L	0.00
21) 2-Butanone-d5	4.626	46	19601	9.852	ug/L	0.00
24) Chloroform-d	5.067	84	19569	3.891	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	12840	3.679	ug/L	0.00
32) Benzene-d6	5.729	84	34386	4.010	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	11824	4.553	ug/L	0.00
41) Toluene-d8	7.899	98	29682	3.746	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	5215	3.347	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	9294	6.722	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	19438	4.550	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	12248	4.017	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	15044	4.408	ug/L	97
3) Chloromethane	1.523	50	16699	7.111	ug/L	98
5) Vinyl chloride	1.604	62	15872	6.499	ug/L	100
6) Bromomethane	1.855	94	9479	5.748	ug/L	94
8) Chloroethane	1.932	64	9514	6.741	ug/L	91
9) Trichlorofluoromethane	2.141	101	22861	5.159	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	12945	5.644	ug/L	96
12) 1,1-Dichloroethene	2.581	96	10782	5.073	ug/L	91
13) Acetone	2.626	43	21080	13.433	ug/L	97
14) Carbon disulfide	2.793	76	29561	4.900	ug/L #	93
15) Methyl Acetate	2.951	43	18934	6.715	ug/L	97
16) Methylene chloride	3.047	84	14972	5.935	ug/L	99
17) trans-1,2-Dichloroethene	3.356	96	12436	5.403	ug/L	96
18) Methyl tert-butyl Ether	3.363	73	44639	5.527	ug/L	99
19) 1,1-Dichloroethane	3.871	63	25815	5.961	ug/L	97
20) cis-1,2-Dichloroethene	4.668	96	14933	5.696	ug/L	87
22) 2-Butanone	4.710	43	27838	13.194	ug/L	98
23) Bromochloromethane	4.980	128	7542	5.227	ug/L #	95
25) Chloroform	5.092	83	26673	5.377	ug/L	96
27) 1,2-Dichloroethane	5.797	62	22524	5.394	ug/L #	94
29) Cyclohexane	5.391	56	18057	5.609	ug/L	92
30) 1,1,1-Trichloroethane	5.321	97	23234	5.055	ug/L	94
31) Carbon tetrachloride	5.526	117	20438	4.932	ug/L	99
33) Benzene	5.777	78	53781	5.836	ug/L	100
34) Trichloroethene	6.543	95	14114	5.554	ug/L	96
35) Methylcyclohexane	6.768	83	16900	4.651	ug/L	90
37) 1,2-Dichloropropane	6.793	63	15818	6.703	ug/L #	94
38) Bromodichloromethane	7.105	83	20142	5.517	ug/L	96
39) cis-1,3-Dichloropropene	7.607	75	21573	5.552	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	46724	12.684	ug/L	99
42) Toluene	7.970	91	53444	5.418	ug/L	97
44) trans-1,3-Dichloropropene	8.211	75	20703	5.144	ug/L	96

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45) 1,1,2-Trichloroethane	8.401	97	15401	6.257	ug/L	95
46) Tetrachloroethene	8.555	164	11185	5.523	ug/L	98
48) 2-Hexanone	8.684	43	36463	11.784	ug/L	94
49) Dibromochloromethane	8.813	129	15848	5.159	ug/L	89
50) 1,2-Dibromoethane	8.925	107	15262	5.467	ug/L	100
51) Chlorobenzene	9.449	112	38289	5.563	ug/L	98
52) Ethylbenzene	9.571	91	56512	5.022	ug/L	98
53) m,p-Xylene	9.694	106	20902	4.634	ug/L	99
54) o-Xylene	10.102	106	21744	5.004	ug/L	95
55) Styrene	10.115	104	33603	4.474	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.784	83	27139	6.278	ug/L	96
59) Bromoform	10.292	173	12252	5.871	ug/L #	97
60) 1,2,3-Trichloropropane	10.822	75	23100	7.441	ug/L	97
61) Isopropylbenzene	10.484	105	54689	5.789	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	43350	7.268	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	35041	4.456	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	28331	5.918	ug/L	93
65) 1,4-Dichlorobenzene	11.838	146	29860	6.015	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	28991	5.872	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	6994	5.989	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	19670	5.244	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	16579	4.946	ug/L	97
71) Naphthalene	14.089	128	66975	5.981	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	18949	5.569	ug/L	98

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

