

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051622\
 Data File : VU048578.D
 Acq On : 16 May 2022 13:04
 Operator : SY/MD
 Sample : VSTD01069
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010069

Quant Time: May 17 06:42:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 17 06:41:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	285887	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	283275	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	168256	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	15696	6.822	ug/L	0.00
7) Chloroethane-d5	1.912	69	11968	7.944	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	63	35235	8.225	ug/L	0.00
21) 2-Butanone-d5	4.623	46	28769	14.212	ug/L	0.00
24) Chloroform-d	5.067	84	39624	9.240	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	27295	9.631	ug/L	0.00
32) Benzene-d6	5.729	84	69245	8.217	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	20963	7.810	ug/L	0.00
41) Toluene-d8	7.899	98	65370	8.657	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	12797	9.707	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	20576	15.297	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33658	8.130	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	30056	9.033	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	28251	10.406	ug/L	96
3) Chloromethane	1.523	50	17480	6.334	ug/L	93
5) Vinyl chloride	1.604	62	18669	6.986	ug/L	99
6) Bromomethane	1.858	94	12911	9.265	ug/L	97
8) Chloroethane	1.935	64	10786	7.430	ug/L	100
9) Trichlorofluoromethane	2.141	101	35442	9.366	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	17867	8.396	ug/L	96
12) 1,1-Dichloroethene	2.581	96	16762	8.428	ug/L	91
13) Acetone	2.626	43	22865	14.343	ug/L	96
14) Carbon disulfide	2.797	76	48270	7.956	ug/L	98
15) Methyl Acetate	2.951	43	21081	6.831	ug/L	100
16) Methylene chloride	3.047	84	20209	8.412	ug/L	99
17) trans-1,2-Dichloroethene	3.353	96	17847	8.429	ug/L	93
18) Methyl tert-butyl Ether	3.366	73	61163	8.463	ug/L	99
19) 1,1-Dichloroethane	3.874	63	33065	7.667	ug/L	96
20) cis-1,2-Dichloroethene	4.668	96	19577	8.122	ug/L	99
22) 2-Butanone	4.703	43	28618	12.532	ug/L	100
23) Bromochloromethane	4.976	128	10777	8.381	ug/L	96
25) Chloroform	5.092	83	39282	8.962	ug/L	98
27) 1,2-Dichloroethane	5.796	62	33535	9.204	ug/L	100
29) Cyclohexane	5.391	56	24542	6.562	ug/L	100
30) 1,1,1-Trichloroethane	5.321	97	37622	9.264	ug/L	99
31) Carbon tetrachloride	5.526	117	34082	9.639	ug/L	96
33) Benzene	5.774	78	74122	7.732	ug/L	100
34) Trichloroethene	6.546	95	21090	8.680	ug/L	96
35) Methylcyclohexane	6.764	83	28738	7.612	ug/L	97
37) 1,2-Dichloropropane	6.790	63	18420	7.023	ug/L	# 94
38) Bromodichloromethane	7.108	83	29043	8.594	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	30760	7.975	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	52605	12.563	ug/L	98
42) Toluene	7.970	91	80037	7.988	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	31753	8.280	ug/L	99

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45) 1,1,2-Trichloroethane	8.401	97	19769	8.035	ug/L	95
46) Tetrachloroethene	8.555	164	16693	8.974	ug/L	92
48) 2-Hexanone	8.684	43	46895	13.364	ug/L	94
49) Dibromochloromethane	8.809	129	24873	9.079	ug/L	99
50) 1,2-Dibromoethane	8.925	107	22155	8.436	ug/L	98
51) Chlorobenzene	9.449	112	55619	8.650	ug/L	99
52) Ethylbenzene	9.571	91	86153	8.149	ug/L	100
53) m,p-Xylene	9.693	106	34729	8.430	ug/L	99
54) o-Xylene	10.102	106	32652	7.964	ug/L	100
55) Styrene	10.115	104	55952	8.297	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	32230	7.169	ug/L	95
59) Bromoform	10.291	173	20009	8.252	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	29934	7.032	ug/L	96
61) Isopropylbenzene	10.484	105	88504	7.544	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	48568	7.450	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	73866	7.583	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	47729	8.534	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	48329	8.586	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	47250	8.297	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	10398	7.944	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	36234	8.955	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	31090	8.651	ug/L	97
71) Naphthalene	14.089	128	89814	6.598	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	31427	8.320	ug/L	99

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

