

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU048993.D
 Acq On : 10 Jun 2022 13:08
 Operator : SY/MD
 Sample : VSTD01075
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010075

Quant Time: Jun 10 22:27:20 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	6.247	114	327883	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	314525	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	152610	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	21053	10.348	ug/L	0.00
7) Chloroethane-d5	1.903	69	15738	10.497	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	39026	8.869	ug/L	0.00
21) 2-Butanone-d5	4.620	46	43660	22.323	ug/L	0.00
24) Chloroform-d	5.064	84	44809	9.064	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	28600	8.335	ug/L	0.00
32) Benzene-d6	5.726	84	79876	9.283	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	26004	9.979	ug/L	0.00
41) Toluene-d8	7.896	98	68697	8.639	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	11924	7.626	ug/L	0.00
47) 2-Hexanone-d5	8.633	63	23545	16.969	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	41779	9.745	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	27164	8.882	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	30290	9.028	ug/L	96
3) Chloromethane	1.523	50	32213	13.954	ug/L	95
5) Vinyl chloride	1.604	62	29852	12.435	ug/L	98
6) Bromomethane	1.842	94	16373	10.100	ug/L	95
8) Chloroethane	1.925	64	16136	11.631	ug/L	98
9) Trichlorofluoromethane	2.134	101	41278	9.475	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	24244	10.752	ug/L	96
12) 1,1-Dichloroethene	2.578	96	20182	9.660	ug/L	94
13) Acetone	2.623	43	36299	23.531	ug/L	97
14) Carbon disulfide	2.790	76	52277	8.815	ug/L	99
15) Methyl Acetate	2.945	43	34743	12.534	ug/L	99
16) Methylene chloride	3.044	84	27536	11.103	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	22252	9.835	ug/L	94
18) Methyl tert-butyl Ether	3.363	73	81405	10.254	ug/L	99
19) 1,1-Dichloroethane	3.867	63	50265	11.808	ug/L	97
20) cis-1,2-Dichloroethene	4.665	96	26410	10.248	ug/L	96
22) 2-Butanone	4.700	43	52591	25.356	ug/L	100
23) Bromochloromethane	4.973	128	14607	10.298	ug/L	97
25) Chloroform	5.086	83	51151	10.489	ug/L	97
27) 1,2-Dichloroethane	5.793	62	42481	10.349	ug/L	98
29) Cyclohexane	5.388	56	33783	10.458	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	44928	9.740	ug/L	98
31) Carbon tetrachloride	5.523	117	39678	9.541	ug/L	99
33) Benzene	5.774	78	104937	11.347	ug/L	100
34) Trichloroethene	6.543	95	25132	9.854	ug/L	99
35) Methylcyclohexane	6.761	83	34605	9.489	ug/L	97
37) 1,2-Dichloropropane	6.790	63	28964	12.231	ug/L	100
38) Bromodichloromethane	7.105	83	38680	10.558	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	38660	9.915	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	90917	24.595	ug/L	98
42) Toluene	7.970	91	104973	10.604	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	39822	9.859	ug/L	95

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45) 1,1,2-Trichloroethane	8.401	97	28173	11.406	ug/L	96
46) Tetrachloroethene	8.552	164	20178	9.929	ug/L	97
48) 2-Hexanone	8.684	43	75855	24.429	ug/L	97
49) Dibromochloromethane	8.809	129	31097	10.088	ug/L	96
50) 1,2-Dibromoethane	8.922	107	30136	10.757	ug/L	99
51) Chlorobenzene	9.446	112	71051	10.287	ug/L	99
52) Ethylbenzene	9.568	91	110187	9.757	ug/L	97
53) m,p-Xylene	9.694	106	43033	9.506	ug/L	94
54) o-Xylene	10.099	106	42883	9.834	ug/L	91
55) Styrene	10.115	104	70677	9.378	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.784	83	49953	11.515	ug/L	100
59) Bromoform	10.292	173	24095	11.511	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	40589	13.036	ug/L	99
61) Isopropylbenzene	10.485	105	105430	11.127	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	85331	14.265	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	64995	8.241	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	51695	10.766	ug/L	95
65) 1,4-Dichlorobenzene	11.835	146	51517	10.347	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	53442	10.792	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	13689	11.687	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	35216	9.360	ug/L	96
70) 1,2,4-trichlorobenzene	13.841	180	28135	8.369	ug/L	95
71) Naphthalene	14.089	128	89547	7.973	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	29566	8.663	ug/L	99

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

