

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071122\
 Data File : VU049666.D
 Acq On : 11 Jul 2022 10:24
 Operator : SY/MD
 Sample : VSTD00501
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005001

Quant Time: Jul 12 02:10:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 12 02:09:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	233901	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	224774	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	107675	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	10333	6.677	ug/L	0.00
7) Chloroethane-d5	1.912	69	7654	6.758	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	63	18146	6.316	ug/L	0.00
21) 2-Butanone-d5	4.633	46	16026	10.048	ug/L	0.01
24) Chloroform-d	5.063	84	17680	5.614	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	12891	6.297	ug/L	0.00
32) Benzene-d6	5.726	84	35028	6.040	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	11649	6.002	ug/L	0.00
41) Toluene-d8	7.899	98	29762	5.815	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	4274	4.734	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	8759	8.856	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	16165	5.139	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	10256	5.402	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	15953	7.194	ug/L	96
3) Chloromethane	1.523	50	17189	7.232	ug/L	100
5) Vinyl chloride	1.604	62	15683	7.083	ug/L	100
6) Bromomethane	1.855	94	7717	6.509	ug/L	97
8) Chloroethane	1.932	64	8587	6.970	ug/L	99
9) Trichlorofluoromethane	2.137	101	19280	6.368	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	10107	5.957	ug/L	98
12) 1,1-Dichloroethene	2.581	96	9319	6.243	ug/L	96
13) Acetone	2.629	43	23296	17.659	ug/L	99
14) Carbon disulfide	2.793	76	32694	8.040	ug/L	98
15) Methyl Acetate	2.951	43	13242	5.320	ug/L	99
16) Methylene chloride	3.047	84	11592	5.990	ug/L	96
17) trans-1,2-Dichloroethene	3.356	96	10325	6.318	ug/L	91
18) Methyl tert-butyl Ether	3.366	73	32017	5.328	ug/L	99
19) 1,1-Dichloroethane	3.871	63	20341	5.790	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	11176	5.700	ug/L	96
22) 2-Butanone	4.710	43	24818	12.722	ug/L	98
23) Bromochloromethane	4.980	128	5262	5.147	ug/L	95
25) Chloroform	5.089	83	20602	5.690	ug/L	100
27) 1,2-Dichloroethane	5.797	62	17875	5.992	ug/L	96
29) Cyclohexane	5.391	56	17589	6.435	ug/L	99
30) 1,1,1-Trichloroethane	5.317	97	17212	5.419	ug/L	98
31) Carbon tetrachloride	5.526	117	14384	5.239	ug/L	98
33) Benzene	5.777	78	44432	5.895	ug/L	100
34) Trichloroethene	6.546	95	10998	5.837	ug/L	91
35) Methylcyclohexane	6.764	83	16472	6.079	ug/L	98
37) 1,2-Dichloropropane	6.793	63	12347	5.816	ug/L	# 97
38) Bromodichloromethane	7.108	83	15609	5.648	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	14803	4.803	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	37109	10.482	ug/L	98
42) Toluene	7.970	91	43488	5.602	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	14745	4.909	ug/L	100

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45) 1,1,2-Trichloroethane	8.401	97	11092	5.519	ug/L	92
46) Tetrachloroethene	8.552	164	7417	5.146	ug/L	93
48) 2-Hexanone	8.687	43	30412	10.572	ug/L	97
49) Dibromochloromethane	8.812	129	10629	4.845	ug/L	94
50) 1,2-Dibromoethane	8.925	107	10761	5.151	ug/L #	95
51) Chlorobenzene	9.449	112	27041	5.296	ug/L	98
52) Ethylbenzene	9.571	91	44475	5.314	ug/L	97
53) m,p-Xylene	9.693	106	16493	5.130	ug/L	92
54) o-Xylene	10.099	106	16542	5.077	ug/L	98
55) Styrene	10.115	104	25571	4.709	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	18026	4.807	ug/L #	95
59) Bromoform	10.291	173	7787	4.996	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	15807	5.695	ug/L	97
61) Isopropylbenzene	10.484	105	41451	5.564	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	32913	5.177	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	32612	6.076	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	19031	5.271	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	18984	5.212	ug/L	95
67) 1,2-Dichlorobenzene	12.211	146	19547	5.260	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	4040	4.513	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	12519	4.871	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	11313	5.141	ug/L	95
71) Naphthalene	14.089	128	36347	4.613	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	11494	4.946	ug/L	98

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

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