

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071122\
 Data File : VU049670.D
 Acq On : 11 Jul 2022 11:58
 Operator : SY/MD
 Sample : VSTD20005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200005

Quant Time: Jul 12 02:12:42 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	6.247	114	237006	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	225955	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	125175	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	382232	243.759	ug/L	0.00
7) Chloroethane-d5	1.893	69	279056	243.168	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	63	672324	230.948	ug/L	0.00
21) 2-Butanone-d5	4.616	46	719619	445.283	ug/L	0.00
24) Chloroform-d	5.060	84	704265	220.714	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	465896	224.616	ug/L	0.00
32) Benzene-d6	5.726	84	1339779	229.811	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	458588	235.059	ug/L	0.00
41) Toluene-d8	7.896	98	1192557	231.787	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	215552	237.486	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	494112	496.976	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	700937	221.661	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	466182	211.228	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	491388	218.678	ug/L	99
3) Chloromethane	1.520	50	558715	231.999	ug/L	98
5) Vinyl chloride	1.600	62	503840	224.585	ug/L	100
6) Bromomethane	1.835	94	223004	185.637	ug/L	97
8) Chloroethane	1.916	64	274287	219.723	ug/L	99
9) Trichlorofluoromethane	2.128	101	607701	198.075	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	311785	181.366	ug/L	100
12) 1,1-Dichloroethene	2.571	96	303418	200.616	ug/L	87
13) Acetone	2.623	43	496216	371.216	ug/L	98
14) Carbon disulfide	2.787	76	1007704	244.573	ug/L	99
15) Methyl Acetate	2.944	43	510770	202.516	ug/L	99
16) Methylene chloride	3.041	84	388157	197.934	ug/L	99
17) trans-1,2-Dichloroethene	3.346	96	336316	203.111	ug/L	98
18) Methyl tert-butyl Ether	3.359	73	1240545	203.731	ug/L	100
19) 1,1-Dichloroethane	3.864	63	712723	200.220	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	391510	197.069	ug/L	97
22) 2-Butanone	4.697	43	805296	407.392	ug/L	100
23) Bromochloromethane	4.970	128	193041	186.350	ug/L	98
25) Chloroform	5.086	83	717133	195.475	ug/L	100
27) 1,2-Dichloroethane	5.790	62	610992	202.139	ug/L	99
29) Cyclohexane	5.385	56	643527	234.197	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	595159	186.405	ug/L	99
31) Carbon tetrachloride	5.523	117	478053	173.221	ug/L	98
33) Benzene	5.771	78	1554885	205.229	ug/L	100
34) Trichloroethene	6.539	95	374798	197.890	ug/L	99
35) Methylcyclohexane	6.761	83	581898	213.629	ug/L	99
37) 1,2-Dichloropropane	6.790	63	433060	202.917	ug/L	100
38) Bromodichloromethane	7.105	83	548070	197.263	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	656513	211.886	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	1535988	431.599	ug/L	99
42) Toluene	7.967	91	1580984	202.581	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	615731	203.909	ug/L	98

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45) 1,1,2-Trichloroethane	8.401	97	379422	187.801	ug/L	99
46) Tetrachloroethene	8.552	164	254393	175.589	ug/L	99
48) 2-Hexanone	8.684	43	1237388	427.908	ug/L	99
49) Dibromochloromethane	8.809	129	399009	180.920	ug/L	96
50) 1,2-Dibromoethane	8.922	107	400563	190.746	ug/L	100
51) Chlorobenzene	9.446	112	962607	187.551	ug/L	99
52) Ethylbenzene	9.568	91	1727862	205.379	ug/L	98
53) m,p-Xylene	9.693	106	632394	195.668	ug/L	99
54) o-Xylene	10.099	106	628770	191.976	ug/L	96
55) Styrene	10.115	104	1100643	201.630	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	743994	197.360	ug/L	99
59) Bromoform	10.291	173	306878	169.353	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	595033	184.415	ug/L	100
61) Isopropylbenzene	10.484	105	1646367	190.104	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	1465103	198.235	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	1500769	240.527	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	741679	176.703	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	751777	177.556	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	779156	180.372	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	191943	184.435	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	548317	183.515	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	524722	205.107	ug/L	99
71) Naphthalene	14.086	128	1977075	215.836	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	529352	195.926	ug/L	99

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

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