

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080224\
 Data File : VV036760.D
 Acq On : 02 Aug 2024 10:40
 Operator : SY/MD
 Sample : VSTD10043
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100243

Quant Time: Aug 02 23:45:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 02 23:21:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	449836	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	431175	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	218049	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	333393	99.579	ug/L	0.00
7) Chloroethane-d5	1.529	69	265985	100.506	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	147671	99.735	ug/L	0.00
21) 2-Butanone-d5	3.793	46	347290	226.155	ug/L	0.00
24) Chloroform-d	4.243	84	624159	100.741	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	403319	100.929	ug/L	0.00
32) Benzene-d6	4.953	84	1234396	99.044	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	389305	97.079	ug/L	0.00
41) Toluene-d8	7.239	98	1143425	101.104	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	209596	101.115	ug/L	0.00
47) 2-Hexanone-d5	8.024	63	234859	215.551	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	459897	101.871	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	410417	99.377	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	326469	99.724	ug/L	100
3) Chloromethane	1.217	50	358508	99.744	ug/L	100
5) Vinyl chloride	1.282	62	378230	101.132	ug/L	98
6) Bromomethane	1.484	94	241525	99.793	ug/L	100
8) Chloroethane	1.545	64	237441	100.823	ug/L	99
9) Trichlorofluoromethane	1.712	101	507967	103.653	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	300169	102.992	ug/L	100
12) 1,1-Dichloroethene	2.066	96	285430	102.412	ug/L	92
13) Acetone	2.111	43	271573	175.835	ug/L	99
14) Carbon disulfide	2.236	76	876629	99.784	ug/L	99
15) Methyl Acetate	2.371	43	321481	102.089	ug/L	98
16) Methylene chloride	2.442	84	314970	99.896	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	298180	102.850	ug/L	97
18) Methyl tert-butyl Ether	2.706	73	1043105	102.678	ug/L	100
19) 1,1-Dichloroethane	3.105	63	602955	103.046	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	350179	102.043	ug/L	100
22) 2-Butanone	3.873	43	411237	211.879	ug/L	98
23) Bromochloromethane	4.140	128	168529	101.700	ug/L	97
25) Chloroform	4.272	83	622450	102.352	ug/L	98
27) 1,2-Dichloroethane	5.037	62	498591	105.799	ug/L	99
29) Cyclohexane	4.571	56	563689	104.332	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	550714	102.999	ug/L	100
31) Carbon tetrachloride	4.728	117	466750	103.840	ug/L	99
33) Benzene	5.002	78	1315609	103.487	ug/L	100
34) Trichloroethene	5.828	95	371172	100.705	ug/L	98
35) Methylcyclohexane	6.043	83	581618	104.106	ug/L	100
37) 1,2-Dichloropropane	6.088	63	351657	105.056	ug/L	100
38) Bromodichloromethane	6.429	83	484726	104.392	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	600142	103.143	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	855656	211.403	ug/L	99
42) Toluene	7.310	91	1411088	104.885	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	569701	105.627	ug/L	99

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45) 1,1,2-Trichloroethane	7.764	97	331536	103.219	ug/L	99
46) Tetrachloroethene	7.902	164	248249	103.627	ug/L	99
48) 2-Hexanone	8.072	43	633379	207.771	ug/L	99
49) Dibromochloromethane	8.172	129	353495	104.932	ug/L	98
50) 1,2-Dibromoethane	8.278	107	347054	102.203	ug/L	98
51) Chlorobenzene	8.809	112	894098	102.630	ug/L	99
52) Ethylbenzene	8.940	91	1615365	104.131	ug/L	100
53) m,p-Xylene	9.069	106	604195	106.272	ug/L	98
54) o-Xylene	9.474	106	590496	104.368	ug/L	99
55) Styrene	9.490	104	1025438	105.908	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	462343	107.103	ug/L	99
59) Bromoform	9.661	173	248678	105.272	ug/L	97
60) Isopropylbenzene	9.863	105	1614125	104.190	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	389472	103.436	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	1361443	104.901	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	1365692	105.853	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	690086	102.511	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	699798	101.982	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	673319	102.492	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	114926	106.670	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	490118	104.251	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	464813	103.520	ug/L	99
71) Naphthalene	13.432	128	1455340	103.564	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	455025	104.242	ug/L	100

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

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