

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050124\
 Data File : VV035487.D
 Acq On : 01 May 2024 10:56
 Operator : SY/MD
 Sample : VSTD05049
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050249

Quant Time: May 02 00:47:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 02 00:45:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	534032	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	525757	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	279886	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	204044	47.892	ug/L	0.00
7) Chloroethane-d5	1.529	69	159914	62.885	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	87435	49.678	ug/L	0.00
21) 2-Butanone-d5	3.793	46	290327	123.854	ug/L	0.00
24) Chloroform-d	4.243	84	384024	52.391	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	228828	53.553	ug/L	0.00
32) Benzene-d6	4.957	84	767476	54.705	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	238766	54.832	ug/L	0.00
41) Toluene-d8	7.239	98	716839	56.576	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	115745	56.582	ug/L	0.00
47) 2-Hexanone-d5	8.024	63	232724	161.559	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	364864	57.860	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	278717	55.220	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	176016	45.671	ug/L	100
3) Chloromethane	1.214	50	188460	47.706	ug/L	100
5) Vinyl chloride	1.282	62	200831	48.178	ug/L	100
6) Bromomethane	1.487	94	128952	51.875	ug/L	100
8) Chloroethane	1.545	64	124732	64.405	ug/L	100
9) Trichlorofluoromethane	1.706	101	271287	48.140	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	171578	48.465	ug/L	100
12) 1,1-Dichloroethene	2.063	96	153071	48.609	ug/L	100
13) Acetone	2.127	43	262297	101.003	ug/L	100
14) Carbon disulfide	2.236	76	403329	46.704	ug/L	100
15) Methyl Acetate	2.375	43	214370	52.985	ug/L	100
16) Methylene chloride	2.442	84	194486	48.734	ug/L	100
17) trans-1,2-Dichloroethene	2.690	96	164722	48.850	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	590257	51.613	ug/L	100
19) 1,1-Dichloroethane	3.108	63	347812	49.626	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	199383	52.019	ug/L	100
22) 2-Butanone	3.873	43	311590	106.266	ug/L	100
23) Bromochloromethane	4.143	128	107040	50.118	ug/L	100
25) Chloroform	4.272	83	361620	49.855	ug/L	100
27) 1,2-Dichloroethane	5.037	62	263345	49.731	ug/L	100
29) Cyclohexane	4.577	56	239598	50.324	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	302102	50.563	ug/L	100
31) Carbon tetrachloride	4.732	117	262680	50.326	ug/L	100
33) Benzene	5.005	78	738876	52.481	ug/L	100
34) Trichloroethene	5.828	95	188885	49.847	ug/L	100
35) Methylcyclohexane	6.047	83	274480	50.381	ug/L	100
37) 1,2-Dichloropropane	6.088	63	204746	52.202	ug/L	100
38) Bromodichloromethane	6.429	83	270881	51.058	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	323835	54.920	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	559940	116.975	ug/L	100
42) Toluene	7.313	91	780096	53.090	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	307255	54.807	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	213378	51.746	ug/L	100
46) Tetrachloroethene	7.902	164	150894	50.670	ug/L	100
48) 2-Hexanone	8.075	43	461487	114.156	ug/L	100
49) Dibromochloromethane	8.175	129	223435	52.902	ug/L	100
50) 1,2-Dibromoethane	8.278	107	222984	53.125	ug/L	100
51) Chlorobenzene	8.812	112	519125	50.153	ug/L	100
52) Ethylbenzene	8.944	91	846453	52.819	ug/L	100
53) m,p-Xylene	9.069	106	320559	52.971	ug/L	100
54) o-Xylene	9.477	106	317957	53.430	ug/L	100
55) Styrene	9.493	104	575065	56.079	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	366774	54.128	ug/L	100
59) Bromoform	9.664	173	184061	53.925	ug/L	100
60) Isopropylbenzene	9.863	105	856099	53.123	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	280391	52.498	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	691683	53.496	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	699957	55.189	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	419586	50.553	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	432372	49.543	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	442763	51.972	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	81089	63.467	ug/L	100
69) 1,3,5-Trichlorobenzene	12.580	180	318872	53.322	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	272690	56.424	ug/L	100
71) Naphthalene	13.435	128	742077	66.295	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	284266	59.730	ug/L	100

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

