

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080224\
 Data File : VV036765.D
 Acq On : 02 Aug 2024 16:38
 Operator : SY/MD
 Sample : VSTD05047
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050247

Quant Time: Aug 02 23:23:11 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	5.529	114	451171	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	423384	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	209589	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	190088	56.608	ug/L	0.00
7) Chloroethane-d5	1.532	69	148274	55.861	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	80269	54.052	ug/L	0.00
21) 2-Butanone-d5	3.796	46	179817	116.750	ug/L	0.00
24) Chloroform-d	4.246	84	339509	54.636	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	222457	55.504	ug/L	0.00
32) Benzene-d6	4.953	84	684174	55.906	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	219568	55.760	ug/L	0.00
41) Toluene-d8	7.239	98	625840	56.356	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	114552	56.280	ug/L	0.00
47) 2-Hexanone-d5	8.024	63	128495	120.101	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	248492	56.056	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	221812	55.877	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	190612	58.053	ug/L	100
3) Chloromethane	1.220	50	196450	54.495	ug/L	100
5) Vinyl chloride	1.282	62	201027	53.592	ug/L	100
6) Bromomethane	1.487	94	124583	51.323	ug/L	100
8) Chloroethane	1.548	64	122582	51.897	ug/L	100
9) Trichlorofluoromethane	1.712	101	249923	50.847	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	147297	50.390	ug/L	100
12) 1,1-Dichloroethene	2.069	96	141524	50.629	ug/L	100
13) Acetone	2.114	43	146555	94.609	ug/L	100
14) Carbon disulfide	2.236	76	452944	51.405	ug/L	100
15) Methyl Acetate	2.371	43	166985	52.871	ug/L	100
16) Methylene chloride	2.442	84	161591	51.098	ug/L	100
17) trans-1,2-Dichloroethene	2.690	96	149328	51.355	ug/L	100
18) Methyl tert-butyl Ether	2.709	73	525589	51.583	ug/L	100
19) 1,1-Dichloroethane	3.105	63	300949	51.280	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	174329	50.650	ug/L	100
22) 2-Butanone	3.879	43	209943	107.848	ug/L	100
23) Bromochloromethane	4.143	128	85361	51.359	ug/L	100
25) Chloroform	4.272	83	311277	51.033	ug/L	100
27) 1,2-Dichloroethane	5.037	62	243685	51.556	ug/L	100
29) Cyclohexane	4.571	56	270557	50.998	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	267195	50.893	ug/L	100
31) Carbon tetrachloride	4.725	117	226655	51.353	ug/L	100
33) Benzene	5.005	78	658479	52.750	ug/L	100
34) Trichloroethene	5.828	95	184995	51.116	ug/L	100
35) Methylcyclohexane	6.043	83	277140	50.519	ug/L	100
37) 1,2-Dichloropropane	6.092	63	175727	53.464	ug/L	100
38) Bromodichloromethane	6.429	83	233317	51.172	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	301480	52.767	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	435153	109.490	ug/L	100
42) Toluene	7.310	91	691157	52.319	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	272798	51.509	ug/L	100

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45) 1,1,2-Trichloroethane	7.767	97	165815	52.574	ug/L	100
46) Tetrachloroethene	7.902	164	120251	51.120	ug/L	100
48) 2-Hexanone	8.075	43	321723	107.478	ug/L	100
49) Dibromochloromethane	8.175	129	171074	51.716	ug/L	100
50) 1,2-Dibromoethane	8.281	107	175944	52.767	ug/L	100
51) Chlorobenzene	8.812	112	434862	50.835	ug/L	100
52) Ethylbenzene	8.944	91	779903	51.200	ug/L	100
53) m,p-Xylene	9.069	106	287046	51.418	ug/L	100
54) o-Xylene	9.474	106	285386	51.369	ug/L	100
55) Styrene	9.493	104	492268	51.777	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	222614	52.518	ug/L	100
59) Bromoform	9.661	173	116904	51.486	ug/L	100
60) Isopropylbenzene	9.863	105	767119	51.515	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	191299	52.856	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	646188	51.799	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	643652	51.902	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	329583	50.935	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	333773	50.604	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	323314	51.201	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	54199	52.336	ug/L	100
69) 1,3,5-Trichlorobenzene	12.577	180	232261	51.397	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	218325	50.587	ug/L	100
71) Naphthalene	13.435	128	694104	51.387	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	215400	51.338	ug/L	100

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

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