

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082124\
 Data File : VV036986.D
 Acq On : 21 Aug 2024 10:30
 Operator : SY/MD
 Sample : VSTD2.551
 Misc : 5.00mL/10mL/MSVOA_V/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD2.5251

Quant Time: Aug 22 01:01:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 22 00:59:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	702917	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	649678	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	306883	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33009	2.889	ug/L	0.00
7) Chloroethane-d5	1.532	69	27149	2.908	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	14254	2.828	ug/L	0.00
21) 2-Butanone-d5	3.889	46	11476m	6.680	ug/L	0.04
24) Chloroform-d	4.246	84	57669	2.763	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	26436	2.776	ug/L	0.00
32) Benzene-d6	4.957	84	114240	2.786	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	33106	2.724	ug/L	0.00
41) Toluene-d8	7.243	98	103612	2.784	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	10147	2.356	ug/L	0.01
47) 2-Hexanone-d5	8.063	63	5996m	5.753	ug/L	0.03
56) 1,1,2,2-Tetrachloroeth...	10.149	84	17806	2.632	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	32176	2.818	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	31791	2.982	ug/L	99
3) Chloromethane	1.217	50	34540	2.679	ug/L	99
5) Vinyl chloride	1.282	62	33138	2.664	ug/L	95
6) Bromomethane	1.491	94	21294	2.641	ug/L	91
8) Chloroethane	1.552	64	20197	2.551	ug/L	93
9) Trichlorofluoromethane	1.716	101	41483	2.610	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	26790	2.732	ug/L	97
12) 1,1-Dichloroethene	2.069	96	24227	2.574	ug/L	92
13) Acetone	2.166	43	26595m	8.669	ug/L	
14) Carbon disulfide	2.240	76	83947	2.649	ug/L	100
15) Methyl Acetate	2.388	43	8082	2.341	ug/L	92
16) Methylene chloride	2.446	84	64051	4.151	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	27051	2.566	ug/L	99
18) Methyl tert-butyl Ether	2.709	73	51167	2.362	ug/L	98
19) 1,1-Dichloroethane	3.108	63	48996	2.440	ug/L	98
20) cis-1,2-Dichloroethene	3.818	96	27824	2.445	ug/L	97
22) 2-Butanone	3.944	43	11964m	5.294	ug/L	
23) Bromochloromethane	4.150	128	11545m	2.574	ug/L	
25) Chloroform	4.275	83	50064	2.491	ug/L	93
27) 1,2-Dichloroethane	5.047	62	23917	2.178	ug/L	97
29) Cyclohexane	4.571	56	43095	2.654	ug/L	97
30) 1,1,1-Trichloroethane	4.507	97	41307	2.569	ug/L	97
31) Carbon tetrachloride	4.728	117	34018	2.550	ug/L	100
33) Benzene	5.008	78	103210	2.471	ug/L	100
34) Trichloroethene	5.834	95	29990	2.529	ug/L	96
35) Methylcyclohexane	6.043	83	46480	2.644	ug/L	98
37) 1,2-Dichloropropane	6.095	63	24122	2.337	ug/L #	98
38) Bromodichloromethane	6.432	83	29965	2.325	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	32986	2.135	ug/L	92
40) 4-Methyl-2-pentanone	7.175	43	19216	4.505	ug/L #	86
42) Toluene	7.317	91	107406	2.431	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	24860	2.122	ug/L	90

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45) 1,1,2-Trichloroethane	7.773	97	15965	2.389	ug/L	97
46) Tetrachloroethene	7.902	164	22449	2.711	ug/L	96
48) 2-Hexanone	8.104	43	17924m	5.576	ug/L	
49) Dibromochloromethane	8.175	129	16640	2.240	ug/L	95
50) 1,2-Dibromoethane	8.284	107	14021	2.271	ug/L #	96
51) Chlorobenzene	8.812	112	70350	2.494	ug/L	99
52) Ethylbenzene	8.944	91	121769	2.440	ug/L	98
53) m,p-Xylene	9.072	106	43288	2.345	ug/L	94
54) o-Xylene	9.474	106	41310	2.323	ug/L	98
55) Styrene	9.497	104	66761	2.249	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	15395	2.414	ug/L	95
59) Bromoform	9.664	173	8058	2.242	ug/L #	93
60) Isopropylbenzene	9.863	105	114395	2.424	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	11482	2.333	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	93297	2.386	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	91532	2.362	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	54352	2.586	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	54993	2.631	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	44202	2.443	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	2212	2.207	ug/L	92
69) 1,3,5-Trichlorobenzene	12.580	180	36472	2.497	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	28876	2.472	ug/L	97
71) Naphthalene	13.442	128	46067	2.513	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	24090	2.457	ug/L	96

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

