

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082124\
 Data File : VV036988.D
 Acq On : 21 Aug 2024 11:14
 Operator : SY/MD
 Sample : VSTD02553
 Misc : 5.00mL/10mL/MSVOA_V/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD025253

Quant Time: Aug 22 01:02:28 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	5.532	114	636694	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	610168	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	294648	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	255494	24.685	ug/L	0.00
7) Chloroethane-d5	1.532	69	209366	24.761	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	113081	24.768	ug/L	0.00
21) 2-Butanone-d5	3.844	46	84287m	54.168	ug/L	0.00
24) Chloroform-d	4.246	84	477667	25.270	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.941	65	219598	25.458	ug/L	0.00
32) Benzene-d6	4.953	84	962917	24.999	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.986	67	286598	25.106	ug/L	0.00
41) Toluene-d8	7.240	98	875075	25.039	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	102903	25.441	ug/L	0.00
47) 2-Hexanone-d5	8.034	63	53269	54.419	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.146	84	156465	24.625	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.555	152	272224	24.832	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	233774	24.209	ug/L	100
3) Chloromethane	1.221	50	309913	26.535	ug/L	100
5) Vinyl chloride	1.285	62	294149	26.107	ug/L	100
6) Bromomethane	1.491	94	194548	26.640	ug/L	100
8) Chloroethane	1.552	64	190881	26.621	ug/L	100
9) Trichlorofluoromethane	1.716	101	379488	26.363	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	228149	25.687	ug/L	100
12) 1,1-Dichloroethene	2.069	96	224492	26.328	ug/L	100
13) Acetone	2.153	43	124889m	44.942	ug/L	
14) Carbon disulfide	2.240	76	750833	26.159	ug/L	100
15) Methyl Acetate	2.388	43	86128	27.537	ug/L	100
16) Methylene chloride	2.446	84	290822	20.806	ug/L	100
17) trans-1,2-Dichloroethene	2.690	96	254379	26.635	ug/L	100
18) Methyl tert-butyl Ether	2.709	73	541506	27.600	ug/L	100
19) 1,1-Dichloroethane	3.108	63	496477	27.298	ug/L	100
20) cis-1,2-Dichloroethene	3.812	96	282073	27.362	ug/L	100
22) 2-Butanone	3.921	43	107360	52.450	ug/L #	100
23) Bromochloromethane	4.146	128	112846	27.780	ug/L	100
25) Chloroform	4.272	83	497101	27.304	ug/L	100
27) 1,2-Dichloroethane	5.040	62	285779	28.728	ug/L	100
29) Cyclohexane	4.574	56	394983	25.899	ug/L	100
30) 1,1,1-Trichloroethane	4.507	97	399440	26.456	ug/L	100
31) Carbon tetrachloride	4.728	117	332451	26.535	ug/L	100
33) Benzene	5.005	78	1069057	27.256	ug/L	100
34) Trichloroethene	5.828	95	295487	26.531	ug/L	100
35) Methylcyclohexane	6.043	83	432679	26.206	ug/L	100
37) 1,2-Dichloropropane	6.088	63	269019	27.752	ug/L #	98
38) Bromodichloromethane	6.429	83	325345	26.876	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	405205	27.929	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	226475	56.537	ug/L	100
42) Toluene	7.310	91	1129392	27.213	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	307864	27.985	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.764	97	171774	27.369	ug/L	100
46) Tetrachloroethene	7.899	164	201504	25.908	ug/L	100
48) 2-Hexanone	8.079	43	182821	60.552	ug/L	98
49) Dibromochloromethane	8.172	129	191389	27.432	ug/L	100
50) 1,2-Dibromoethane	8.278	107	157865	27.225	ug/L	100
51) Chlorobenzene	8.809	112	705720	26.633	ug/L	100
52) Ethylbenzene	8.940	91	1270979	27.111	ug/L	100
53) m,p-Xylene	9.069	106	474530	27.369	ug/L	100
54) o-Xylene	9.471	106	454419	27.213	ug/L	100
55) Styrene	9.490	104	774117	27.768	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	159966	26.703	ug/L	100
59) Bromoform	9.661	173	92476	26.803	ug/L	100
60) Isopropylbenzene	9.860	105	1233593	27.230	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	128396	27.172	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	1017284	27.092	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	1022900	27.495	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	538499	26.684	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	530818	26.451	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	467393	26.909	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	25493	26.490	ug/L	100
69) 1,3,5-Trichlorobenzene	12.577	180	374864	26.727	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	300182	26.770	ug/L	100
71) Naphthalene	13.432	128	448860	25.499	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	248855	26.440	ug/L	100

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

