

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090424\
 Data File : VV037195.D
 Acq On : 04 Sep 2024 12:29
 Operator : SY/MD
 Sample : VSTD02575
 Misc : 5.00g/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02575

Quant Time: Sep 05 01:32:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM090424SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 05 01:30:05 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin
 Yesilyurt
 09/05/2024
 Supervised By :Mahesh
 Dadoda
 09/05/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	566984	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	544445	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	270793	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	240276	23.658	ug/L	0.00
7) Chloroethane-d5	1.532	69	197268	25.022	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	114879	25.146	ug/L	0.00
21) 2-Butanone-d5	3.831	46	114154	56.101	ug/L	0.00
24) Chloroform-d	4.243	84	464205	26.608	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	238882	26.994	ug/L	0.00
32) Benzene-d6	4.953	84	942336	27.391	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	286935	26.922	ug/L	0.00
41) Toluene-d8	7.236	98	856057	27.515	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	111073	27.074	ug/L	0.00
47) 2-Hexanone-d5	8.030	63	79000	59.259	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.146	84	225403	27.514	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	290324	27.466	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	132186	16.936	ug/L	100
3) Chloromethane	1.214	50	151531	16.245	ug/L	99
5) Vinyl chloride	1.281	62	149643	16.311	ug/L	97
6) Bromomethane	1.487	94	84903	15.998	ug/L	97
8) Chloroethane	1.548	64	95086	16.850	ug/L	98
9) Trichlorofluoromethane	1.712	101	201827	16.118	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	126120	16.122	ug/L	100
12) 1,1-Dichloroethene	2.069	96	116599	16.362	ug/L	88
13) Acetone	2.159	43	84373	31.267	ug/L	92
14) Carbon disulfide	2.236	76	376834	16.110	ug/L	99
15) Methyl Acetate	2.384	43	63847	16.445	ug/L	97
16) Methylene chloride	2.442	84	144018	13.859	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	127624	16.416	ug/L	96
18) Methyl tert-butyl Ether	2.706	73	301196	16.550	ug/L	99
19) 1,1-Dichloroethane	3.105	63	242280	16.277	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	133506	16.268	ug/L	98
22) 2-Butanone	3.921	43	85949m	38.319	ug/L	
23) Bromochloromethane	4.143	128	58713	16.052	ug/L	98
25) Chloroform	4.272	83	237621	16.444	ug/L	98
27) 1,2-Dichloroethane	5.040	62	148352	16.196	ug/L	95
29) Cyclohexane	4.574	56	197884	16.109	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	195142	16.139	ug/L	98
31) Carbon tetrachloride	4.725	117	164972	16.138	ug/L	98
33) Benzene	5.005	78	512801	16.787	ug/L	100
34) Trichloroethene	5.828	95	137794	16.573	ug/L	98
35) Methylcyclohexane	6.043	83	217557	16.059	ug/L	99
37) 1,2-Dichloropropane	6.088	63	126848	16.015	ug/L	99
38) Bromodichloromethane	6.429	83	164804	16.481	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	187197	15.965	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	139521	31.583	ug/L	98
42) Toluene	7.310	91	527924	16.423	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	160383	16.833	ug/L	99

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45) 1,1,2-Trichloroethane	7.767	97	97243	16.291	ug/L	99
46) Tetrachloroethene	7.899	164	97163	15.899	ug/L	99
48) 2-Hexanone	8.082	43	109849	33.222	ug/L	97
49) Dibromochloromethane	8.172	129	102117	16.441	ug/L	97
50) 1,2-Dibromoethane	8.278	107	93025	16.311	ug/L	98
51) Chlorobenzene	8.808	112	345445	16.421	ug/L	99
52) Ethylbenzene	8.940	91	584211	16.229	ug/L	99
53) m,p-Xylene	9.069	106	218435	16.355	ug/L	97
54) o-Xylene	9.474	106	211295	16.423	ug/L	100
55) Styrene	9.490	104	359180	16.615	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	116275	16.346	ug/L	99
59) Bromoform	9.661	173	54495	15.850	ug/L	99
60) Isopropylbenzene	9.860	105	577520	16.423	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	81655	16.364	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	456287	16.338	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	452256	16.328	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	261336	16.299	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	264846	16.202	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	241313	16.226	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	16251	14.431	ug/L #	81
69) 1,3,5-Trichlorobenzene	12.577	180	182501	16.042	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	156004	15.534	ug/L	97
71) Naphthalene	13.435	128	297281	15.173	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	145762	15.805	ug/L	98

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

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