

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090424\
 Data File : VV037193.D
 Acq On : 04 Sep 2024 11:46
 Operator : SY/MD
 Sample : VSTD2.573
 Misc : 5.00g/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD2.5273

Manual Integrations
 APPROVED

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

Quant Time: Sep 05 01:30:49 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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	534800	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	504026	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	241077	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	34992	3.653	ug/L	0.00
7) Chloroethane-d5	1.532	69	26118	3.512	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.057	65	14997	3.480	ug/L	0.00
21) 2-Butanone-d5	3.912	46	11730m	6.112	ug/L	0.08
24) Chloroform-d	4.246	84	50760	3.085	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	25259	3.026	ug/L	0.01
32) Benzene-d6	4.960	84	99636	3.128	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	30366	3.078	ug/L	0.00
41) Toluene-d8	7.243	98	85672	2.974	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	10888	2.867	ug/L	0.02
47) 2-Hexanone-d5	8.063	63	6972m	5.649	ug/L	0.04
56) 1,1,2,2-Tetrachloroeth...	10.153	84	21366	2.817	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	29700	3.156	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	16880	2.293	ug/L	93
3) Chloromethane	1.214	50	22506	2.558	ug/L	99
5) Vinyl chloride	1.282	62	20674	2.389	ug/L	88
6) Bromomethane	1.487	94	12972	2.591	ug/L	97
8) Chloroethane	1.548	64	12363	2.323	ug/L	97
9) Trichlorofluoromethane	1.712	101	28777	2.436	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	17553	2.379	ug/L	100
12) 1,1-Dichloroethene	2.066	96	15568	2.316	ug/L #	60
13) Acetone	2.156	43	16113	6.330	ug/L	83
14) Carbon disulfide	2.237	76	51567	2.337	ug/L	97
15) Methyl Acetate	2.388	43	7982	2.180	ug/L	99
16) Methylene chloride	2.442	84	34843	3.555	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	16876	2.301	ug/L	98
18) Methyl tert-butyl Ether	2.709	73	36876	2.148	ug/L	95
19) 1,1-Dichloroethane	3.108	63	32750	2.333	ug/L	96
20) cis-1,2-Dichloroethene	3.815	96	17103	2.209	ug/L	99
22) 2-Butanone	3.957	43	14215m	6.719	ug/L	
23) Bromochloromethane	4.146	128	7538	2.185	ug/L	85
25) Chloroform	4.272	83	31616	2.320	ug/L	98
27) 1,2-Dichloroethane	5.047	62	18455m	2.136	ug/L	
29) Cyclohexane	4.571	56	25880	2.276	ug/L	97
30) 1,1,1-Trichloroethane	4.507	97	25634	2.290	ug/L	99
31) Carbon tetrachloride	4.728	117	21871	2.311	ug/L	97
33) Benzene	5.008	78	62299	2.203	ug/L	100
34) Trichloroethene	5.838	95	18222	2.367	ug/L	98
35) Methylcyclohexane	6.043	83	27362	2.182	ug/L	97
37) 1,2-Dichloropropane	6.095	63	17627m	2.404	ug/L	
38) Bromodichloromethane	6.436	83	19088	2.062	ug/L	96
39) cis-1,3-Dichloropropene	6.963	75	24144m	2.224	ug/L	
40) 4-Methyl-2-pentanone	7.178	43	16480m	4.030	ug/L	
42) Toluene	7.317	91	62861	2.112	ug/L	95
44) trans-1,3-Dichloropropene	7.596	75	18822m	2.134	ug/L	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090424\
 Data File : VV037193.D
 Acq On : 04 Sep 2024 11:46
 Operator : SY/MD
 Sample : VSTD2.573
 Misc : 5.00g/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD2.5273

Manual Integrations
 APPROVED

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

Quant Time: Sep 05 01:30:49 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

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

45) 1,1,2-Trichloroethane	7.773	97	12233	2.214	ug/L	98
46) Tetrachloroethene	7.902	164	13936	2.463	ug/L	94
48) 2-Hexanone	8.108	43	17834m	5.826	ug/L	
49) Dibromochloromethane	8.175	129	11341	1.972	ug/L	99
50) 1,2-Dibromoethane	8.291	107	10825	2.050	ug/L	95
51) Chlorobenzene	8.815	112	43363	2.227	ug/L	99
52) Ethylbenzene	8.947	91	68484	2.055	ug/L	100
53) m,p-Xylene	9.072	106	24889	2.013	ug/L	86
54) o-Xylene	9.477	106	24161	2.028	ug/L	99
55) Styrene	9.500	104	39626m	1.980	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.178	83	14265	2.166	ug/L	91
59) Bromoform	9.664	173	6657	2.175	ug/L #	96
60) Isopropylbenzene	9.863	105	67952	2.171	ug/L	98
61) 1,2,3-Trichloropropane	10.207	75	9735	2.191	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	52420	2.108	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	51177	2.075	ug/L	97
64) 1,3-Dichlorobenzene	11.117	146	33176	2.324	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	35107	2.412	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	31624	2.389	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.368	75	2211	2.205	ug/L #	76
69) 1,3,5-Trichlorobenzene	12.580	180	23516	2.322	ug/L	97
70) 1,2,4-trichlorobenzene	13.198	180	20951	2.343	ug/L	98
71) Naphthalene	13.439	128	40245	2.307	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	19246	2.344	ug/L	95

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

