

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062724\
 Data File : VW036299.D
 Acq On : 27 Jun 2024 09:15
 Operator : SY/MD
 Sample : VSTD05079
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050279

Quant Time: Jun 28 00:04:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 00:02:06 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda
 07/03/2024
 Supervised By :Semsettin
 Yesilyurt
 07/03/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	410514	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	417581	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	235642	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	315691	45.281	ug/L	0.00
7) Chloroethane-d5	1.526	69	246262	44.223	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.050	65	145934	44.527	ug/L	0.00
21) 2-Butanone-d5	3.822	46	151276	96.809	ug/L	-0.01
24) Chloroform-d	4.240	84	540581	44.612	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.934	65	298528	46.197	ug/L	0.00
32) Benzene-d6	4.953	84	1073430	45.537	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	329162	41.869	ug/L	0.00
41) Toluene-d8	7.236	98	1022860	48.126	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	154196	48.700	ug/L	0.00
47) 2-Hexanone-d5	8.027	63	118775	104.554	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	261513	44.995	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	379861	44.236	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.101	85	358820	46.004	ug/L	100
3) Chloromethane	1.211	50	325164	46.056	ug/L	100
5) Vinyl chloride	1.275	62	381793	46.830	ug/L	100
6) Bromomethane	1.481	94	254015	46.326	ug/L	100
8) Chloroethane	1.542	64	231613	46.095	ug/L	100
9) Trichlorofluoromethane	1.706	101	534376	45.895	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	337101	46.156	ug/L	99
12) 1,1-Dichloroethene	2.060	96	303231	46.895	ug/L	97
13) Acetone	2.150	43	202330m	100.122	ug/L	
14) Carbon disulfide	2.230	76	955205	46.821	ug/L	100
15) Methyl Acetate	2.384	43	133277	45.835	ug/L	99
16) Methylene chloride	2.439	84	320345	39.638	ug/L	99
17) trans-1,2-Dichloroethene	2.683	96	305187	47.536	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	766361	51.279	ug/L	99
19) 1,1-Dichloroethane	3.105	63	539572	47.269	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	319973	49.553	ug/L	98
22) 2-Butanone	3.902	43	201327	124.400	ug/L	96
23) Bromochloromethane	4.140	128	161507	47.967	ug/L	99
25) Chloroform	4.269	83	574735	47.205	ug/L	99
27) 1,2-Dichloroethane	5.034	62	383205	48.607	ug/L	99
29) Cyclohexane	4.574	56	454175	51.052	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	484448	46.789	ug/L	99
31) Carbon tetrachloride	4.725	117	429978	46.608	ug/L	99
33) Benzene	5.002	78	1199596	48.502	ug/L	100
34) Trichloroethene	5.825	95	373094	47.803	ug/L	98
35) Methylcyclohexane	6.043	83	556834	51.194	ug/L	99
37) 1,2-Dichloropropane	6.088	63	313236	49.589	ug/L	99
38) Bromodichloromethane	6.429	83	418286	48.416	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	521775	53.718	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	373001	105.010	ug/L	98
42) Toluene	7.310	91	1321848	51.113	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	459415	52.587	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.764	97	270280	48.410	ug/L	99
46) Tetrachloroethene	7.902	164	268804	47.390	ug/L	98
48) 2-Hexanone	8.075	43	296074	104.942	ug/L	97
49) Dibromochloromethane	8.172	129	305632	49.106	ug/L	100
50) 1,2-Dibromoethane	8.278	107	275814	50.146	ug/L	97
51) Chlorobenzene	8.809	112	859679	48.630	ug/L	100
52) Ethylbenzene	8.944	91	1453689	52.088	ug/L	100
53) m,p-Xylene	9.069	106	562140	54.045	ug/L	98
54) o-Xylene	9.474	106	534796	54.675	ug/L	98
55) Styrene	9.490	104	955895	55.761	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	238066	47.642	ug/L	98
59) Bromoform	9.661	173	213587	47.883	ug/L	98
60) Isopropylbenzene	9.863	105	1462103	51.329	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	244353	45.950	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	1099466	53.935	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	1201676	54.246	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	720099	48.515	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	738851	46.438	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	685872	48.403	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	56605	47.446	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	550662	49.270	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	464471	52.114	ug/L	100
71) Naphthalene	13.435	128	876106	55.132	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	432480	51.603	ug/L	100

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

