

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062724\
 Data File : VW036300.D
 Acq On : 27 Jun 2024 09:38
 Operator : SY/MD
 Sample : VSTD10080
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100280

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Jun 28 00:04:37 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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	422505	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	432693	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	247531	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	710365	98.999	ug/L	0.00
7) Chloroethane-d5	1.526	69	539346	94.106	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.050	65	328977	97.527	ug/L	0.00
21) 2-Butanone-d5	3.818	46	360870	224.384	ug/L	-0.02
24) Chloroform-d	4.240	84	1187523	95.220	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.934	65	655518	98.562	ug/L	0.00
32) Benzene-d6	4.953	84	2368727	96.977	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	728766	89.460	ug/L	0.00
41) Toluene-d8	7.240	98	2281358	103.591	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	353051	107.609	ug/L	0.00
47) 2-Hexanone-d5	8.024	63	303309	257.668	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	610838	101.427	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	890079	98.674	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.102	85	766168	95.442	ug/L	100
3) Chloromethane	1.211	50	693985	95.506	ug/L	100
5) Vinyl chloride	1.278	62	801275	95.494	ug/L	99
6) Bromomethane	1.484	94	535333	94.860	ug/L	98
8) Chloroethane	1.545	64	483180	93.432	ug/L	99
9) Trichlorofluoromethane	1.706	101	1125861	93.951	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	713941	94.979	ug/L	99
12) 1,1-Dichloroethene	2.060	96	631650	94.912	ug/L	96
13) Acetone	2.150	43	406541m	195.466	ug/L	
14) Carbon disulfide	2.230	76	1990653	94.806	ug/L	100
15) Methyl Acetate	2.381	43	291195	97.302	ug/L	99
16) Methylene chloride	2.439	84	660094	79.358	ug/L	100
17) trans-1,2-Dichloroethene	2.683	96	635317	96.149	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	1646751	107.060	ug/L	99
19) 1,1-Dichloroethane	3.105	63	1122533	95.547	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	691075	103.986	ug/L	99
22) 2-Butanone	3.896	43	427007	256.359	ug/L	96
23) Bromochloromethane	4.137	128	338216	97.599	ug/L	99
25) Chloroform	4.269	83	1200683	95.818	ug/L	99
27) 1,2-Dichloroethane	5.034	62	815573	100.515	ug/L	100
29) Cyclohexane	4.574	56	995587	108.002	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	1017014	94.794	ug/L	100
31) Carbon tetrachloride	4.728	117	907665	94.951	ug/L	99
33) Benzene	5.002	78	2500082	97.552	ug/L	100
34) Trichloroethene	5.825	95	796330	98.467	ug/L	99
35) Methylcyclohexane	6.047	83	1210765	107.427	ug/L	99
37) 1,2-Dichloropropane	6.088	63	659495	100.760	ug/L	99
38) Bromodichloromethane	6.426	83	879143	98.207	ug/L	100
39) cis-1,3-Dichloropropene	6.947	75	1135847	112.855	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	833640	226.496	ug/L	98
42) Toluene	7.310	91	2758801	102.952	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	1005173	111.039	ug/L	99

07/03/2024
 Supervised By :Semsettin
 Esilyurt

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.764	97	572452	98.950	ug/L	99
46) Tetrachloroethene	7.902	164	574528	97.751	ug/L	99
48) 2-Hexanone	8.076	43	652178	223.087	ug/L	96
49) Dibromochloromethane	8.172	129	659476	102.258	ug/L	99
50) 1,2-Dibromoethane	8.278	107	589015	103.349	ug/L	97
51) Chlorobenzene	8.809	112	1830597	99.935	ug/L	99
52) Ethylbenzene	8.944	91	3133835	108.368	ug/L	100
53) m,p-Xylene	9.069	106	1206338	111.928	ug/L	99
54) o-Xylene	9.474	106	1168535	115.293	ug/L	98
55) Styrene	9.490	104	2062576	116.116	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	536810	103.676	ug/L	100
59) Bromoform	9.661	173	468137	99.909	ug/L	99
60) Isopropylbenzene	9.863	105	3198056	106.880	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	536456	96.034	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	2440927	113.989	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	2666430	114.588	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	1560848	100.108	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	1580824	94.586	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	1497347	100.595	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.362	75	131383	104.835	ug/L	95
69) 1,3,5-Trichlorobenzene	12.577	180	1244701	106.020	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	1081830	115.552	ug/L	100
71) Naphthalene	13.432	128	2102908	125.977	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	983863	111.755	ug/L	99

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

