

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062724\
 Data File : VW036298.D
 Acq On : 27 Jun 2024 08:52
 Operator : SY/MD
 Sample : VSTD02578
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD025278

Quant Time: Jun 28 00:03:32 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	389094	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	394100	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	214356	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	178199	26.967	ug/L	0.00
7) Chloroethane-d5	1.526	69	138206	26.185	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.050	65	80479	25.907	ug/L	0.00
21) 2-Butanone-d5	3.835	46	76573	51.701	ug/L	0.00
24) Chloroform-d	4.243	84	297701	25.920	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	161139	26.309	ug/L	0.00
32) Benzene-d6	4.954	84	581801	26.152	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.986	67	176355	23.769	ug/L	0.00
41) Toluene-d8	7.240	98	545868	27.214	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	79241	26.518	ug/L	0.00
47) 2-Hexanone-d5	8.031	63	58231	54.313	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	136651	24.912	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	195617	25.042	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.102	85	195007	26.378	ug/L	100
3) Chloromethane	1.211	50	174367	26.057	ug/L	100
5) Vinyl chloride	1.275	62	199579	25.828	ug/L	100
6) Bromomethane	1.481	94	134450	25.870	ug/L	100
8) Chloroethane	1.542	64	123752	25.985	ug/L	100
9) Trichlorofluoromethane	1.706	101	286126	25.927	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	180624	26.093	ug/L	100
12) 1,1-Dichloroethene	2.060	96	161964	26.427	ug/L	100
13) Acetone	2.163	43	95143m	49.673	ug/L	
14) Carbon disulfide	2.230	76	511159	26.435	ug/L	100
15) Methyl Acetate	2.384	43	68651	24.909	ug/L	100
16) Methylene chloride	2.439	84	172805	22.559	ug/L	100
17) trans-1,2-Dichloroethene	2.687	96	158623	26.067	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	377854	26.675	ug/L	100
19) 1,1-Dichloroethane	3.105	63	284026	26.252	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	161103	26.323	ug/L	100
22) 2-Butanone	3.909	43	81735	53.284	ug/L	100
23) Bromochloromethane	4.143	128	82905	25.978	ug/L	100
25) Chloroform	4.269	83	298977	25.908	ug/L	100
27) 1,2-Dichloroethane	5.037	62	198705	26.592	ug/L	100
29) Cyclohexane	4.574	56	229390	27.321	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	256006	26.199	ug/L	100
31) Carbon tetrachloride	4.725	117	226278	25.989	ug/L	100
33) Benzene	5.002	78	621907	26.643	ug/L	100
34) Trichloroethene	5.828	95	194740	26.438	ug/L	100
35) Methylcyclohexane	6.043	83	283076	27.576	ug/L	100
37) 1,2-Dichloropropane	6.088	63	161759	27.134	ug/L	100
38) Bromodichloromethane	6.429	83	214457	26.302	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	249183	27.183	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	183442	54.721	ug/L	100
42) Toluene	7.310	91	680590	27.885	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	225340	27.330	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	140033	26.576	ug/L	100
46) Tetrachloroethene	7.902	164	138472	25.867	ug/L	100
48) 2-Hexanone	8.079	43	140192	52.651	ug/L	100
49) Dibromochloromethane	8.172	129	154831	26.359	ug/L	100
50) 1,2-Dibromoethane	8.281	107	137931	26.572	ug/L	100
51) Chlorobenzene	8.812	112	430804	25.821	ug/L	100
52) Ethylbenzene	8.944	91	717037	27.223	ug/L	100
53) m,p-Xylene	9.069	106	275642	28.079	ug/L	100
54) o-Xylene	9.474	106	257225	27.864	ug/L	100
55) Styrene	9.493	104	468806	28.977	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	119511	25.342	ug/L	100
59) Bromoform	9.661	173	105120	25.907	ug/L	100
60) Isopropylbenzene	9.863	105	712362	27.492	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	126252	26.099	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	514367	27.738	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	573184	28.444	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	357359	26.467	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	369928	25.560	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	338853	26.288	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.362	75	27707	25.530	ug/L	100
69) 1,3,5-Trichlorobenzene	12.577	180	264180	25.985	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	208277	25.689	ug/L	100
71) Naphthalene	13.435	128	371985	25.733	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	199157	26.123	ug/L	100

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

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