

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082224\
 Data File : VW036999.D
 Acq On : 22 Aug 2024 09:37
 Operator : SY/MD
 Sample : VSTD02561
 Misc : 5.00mL/10mL/MSVOA_V/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02561

Quant Time: Aug 23 04:46:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 23 04:43:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	676316	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	630043	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	300498	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	213984	22.580	ug/L	0.00
7) Chloroethane-d5	1.532	69	190632	23.517	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	106497	23.328	ug/L	0.00
21) 2-Butanone-d5	3.847	46	86512m	50.149	ug/L	0.00
24) Chloroform-d	4.243	84	475609	24.955	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.941	65	214287	24.442	ug/L	0.00
32) Benzene-d6	4.953	84	932519	24.699	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.986	67	279719	23.457	ug/L	0.00
41) Toluene-d8	7.236	98	865039	25.138	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	99473	24.944	ug/L	0.00
47) 2-Hexanone-d5	8.034	63	50243	51.274	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.146	84	152205	24.052	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	262735	24.425	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	250012	23.668	ug/L	100
3) Chloromethane	1.217	50	295450	24.159	ug/L	100
5) Vinyl chloride	1.282	62	302618	24.985	ug/L	100
6) Bromomethane	1.487	94	189198	24.561	ug/L	100
8) Chloroethane	1.548	64	187147	24.463	ug/L	100
9) Trichlorofluoromethane	1.712	101	404144	25.271	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	248206	25.183	ug/L	100
12) 1,1-Dichloroethene	2.069	96	228666	24.911	ug/L	100
13) Acetone	2.159	43	105134	55.872	ug/L	100
14) Carbon disulfide	2.240	76	757367	24.917	ug/L	100
15) Methyl Acetate	2.384	43	84208	25.052	ug/L	100
16) Methylene chloride	2.445	84	265352	19.724	ug/L	100
17) trans-1,2-Dichloroethene	2.690	96	251465	25.027	ug/L	100
18) Methyl tert-butyl Ether	2.709	73	504539	24.238	ug/L	100
19) 1,1-Dichloroethane	3.105	63	490999	25.102	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	274920	25.509	ug/L	100
22) 2-Butanone	3.915	43	103122	62.058	ug/L	100
23) Bromochloromethane	4.140	128	108827	25.445	ug/L	100
25) Chloroform	4.272	83	484517	25.343	ug/L	100
27) 1,2-Dichloroethane	5.040	62	266856	25.525	ug/L	100
29) Cyclohexane	4.571	56	421349	25.780	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	410299	25.826	ug/L	100
31) Carbon tetrachloride	4.725	117	345460	25.765	ug/L	100
33) Benzene	5.005	78	1050220	25.570	ug/L	100
34) Trichloroethene	5.828	95	292926	25.264	ug/L	100
35) Methylcyclohexane	6.043	83	461835	25.761	ug/L	100
37) 1,2-Dichloropropane	6.088	63	248212	25.016	ug/L	100
38) Bromodichloromethane	6.429	83	312052	25.320	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	379291	26.028	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	207031	49.538	ug/L	100
42) Toluene	7.310	91	1108763	25.768	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	281577	25.542	ug/L	100

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Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD025261

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

Quant Time: Aug 23 04:46:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082224SMA.M
 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.764	97	162640	24.978	ug/L	100
46) Tetrachloroethene	7.899	164	205145	25.025	ug/L	100
48) 2-Hexanone	8.082	43	152036	52.260	ug/L	100
49) Dibromochloromethane	8.172	129	182725	25.507	ug/L	100
50) 1,2-Dibromoethane	8.278	107	146808	24.983	ug/L	100
51) Chlorobenzene	8.809	112	695951	25.327	ug/L	100
52) Ethylbenzene	8.940	91	1250190	25.767	ug/L	100
53) m,p-Xylene	9.066	106	471438	26.152	ug/L	100
54) o-Xylene	9.471	106	446660	25.938	ug/L	100
55) Styrene	9.490	104	742478	26.124	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	147805	24.519	ug/L	100
59) Bromoform	9.661	173	85965	25.260	ug/L	100
60) Isopropylbenzene	9.860	105	1240261	26.176	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	119315	24.622	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	1011379	26.072	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	993878	26.286	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	514664	25.417	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	511225	25.276	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	441564	25.169	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	23874	25.171	ug/L	100
69) 1,3,5-Trichlorobenzene	12.577	180	358261	25.388	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	280388	24.829	ug/L	100
71) Naphthalene	13.435	128	405199	23.819	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	232124	24.826	ug/L	100

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

