

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050624\
 Data File : VW035532.D
 Acq On : 06 May 2024 13:11
 Operator : SY/MD
 Sample : VSTD02556
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02556

Quant Time: May 08 01:29:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 01:28:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda

05/08/2024

Supervised By :Semsettin
 Yesilyurt

05/08/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	466616	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	482880	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	278501	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	146275	20.282	ug/L	0.00
7) Chloroethane-d5	1.529	69	121103	20.814	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	65583	20.540	ug/L	0.00
21) 2-Butanone-d5	3.838	46	94224m	46.041	ug/L	0.00
24) Chloroform-d	4.243	84	303242	21.860	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	148685	21.681	ug/L	0.00
32) Benzene-d6	4.953	84	560526	21.206	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	175638	21.531	ug/L	0.00
41) Toluene-d8	7.239	98	512309	21.777	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	75074	21.519	ug/L	0.00
47) 2-Hexanone-d5	8.030	63	63959	43.605	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	177085	22.529	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	202520	20.953	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.101	85	240173	25.317	ug/L	100
3) Chloromethane	1.211	50	222776	23.389	ug/L	100
5) Vinyl chloride	1.278	62	248041	25.207	ug/L	100
6) Bromomethane	1.484	94	149238	23.953	ug/L	100
8) Chloroethane	1.545	64	155527	25.640	ug/L	100
9) Trichlorofluoromethane	1.709	101	340891	26.541	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	219930	27.139	ug/L	100
12) 1,1-Dichloroethene	2.063	96	190511	26.027	ug/L	100
13) Acetone	2.156	43	141067m	47.085	ug/L	
14) Carbon disulfide	2.233	76	531847	22.940	ug/L	100
15) Methyl Acetate	2.384	43	114087m	24.963	ug/L	
16) Methylene chloride	2.442	84	236845	22.011	ug/L	100
17) trans-1,2-Dichloroethene	2.687	96	206896	25.461	ug/L	100
18) Methyl tert-butyl Ether	2.699	73	516947	26.373	ug/L	100
19) 1,1-Dichloroethane	3.105	63	403799	26.506	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	227847	25.865	ug/L	100
22) 2-Butanone	3.905	43	142572m	51.229	ug/L	
23) Bromochloromethane	4.143	128	111352	26.135	ug/L	100
25) Chloroform	4.268	83	421414	26.789	ug/L	100
27) 1,2-Dichloroethane	5.037	62	262044	26.751	ug/L	100
29) Cyclohexane	4.577	56	304041	26.330	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	361479	26.998	ug/L	100
31) Carbon tetrachloride	4.728	117	320763	27.305	ug/L	100
33) Benzene	5.002	78	859357	26.890	ug/L	100
34) Trichloroethene	5.828	95	240598	26.615	ug/L	100
35) Methylcyclohexane	6.047	83	366562	26.708	ug/L	100
37) 1,2-Dichloropropane	6.088	63	229714	27.550	ug/L	100
38) Bromodichloromethane	6.429	83	303003	26.825	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	348767	26.743	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	260320	52.924	ug/L	100
42) Toluene	7.310	91	934699	27.636	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	308270	27.021	ug/L	100

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Instrument :
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 ClientSampleId :
 VSTD025256

Manual Integrations
 APPROVED

Reviewed By :Mahesh
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05/08/2024

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Quant Time: May 08 01:29:24 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.764	97	189886	26.802	ug/L	100
46) Tetrachloroethene	7.902	164	194952	26.545	ug/L	100
48) 2-Hexanone	8.079	43	198235	53.963	ug/L	100
49) Dibromochloromethane	8.172	129	214314	26.809	ug/L	100
50) 1,2-Dibromoethane	8.278	107	185068	26.516	ug/L	100
51) Chlorobenzene	8.808	112	620090	26.423	ug/L	100
52) Ethylbenzene	8.944	91	1032507	27.650	ug/L	100
53) m,p-Xylene	9.069	106	399388	28.191	ug/L	100
54) o-Xylene	9.474	106	376306	28.025	ug/L	100
55) Styrene	9.493	104	682286	29.133	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	229124	26.550	ug/L	100
59) Bromoform	9.661	173	145408	26.567	ug/L	100
60) Isopropylbenzene	9.863	105	1055486	28.451	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	171390	26.262	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	855409	29.393	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	856992	28.656	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	521802	26.802	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	525358	26.066	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	483603	26.388	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	39112	25.841	ug/L	100
69) 1,3,5-Trichlorobenzene	12.580	180	401590	26.396	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	332001	26.134	ug/L	100
71) Naphthalene	13.435	128	566408	25.397	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	298220	26.094	ug/L	100

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

