

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072224\
 Data File : VW036634.D
 Acq On : 22 Jul 2024 18:22
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD025332

Manual Integrations
 APPROVED

Reviewed By :Romaben
 Patel

Quant Time: Jul 23 02:08:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 23 02:04:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	310423	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	325849	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	197277	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	83473	24.552	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.200%
7) Chloroethane-d5	1.529	69	82481	26.860	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.440%
11) 1,1-Dichloroethene-d2	2.050	65	45789	25.471	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.880%
21) 2-Butanone-d5	3.838	46	50956m	64.220	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.440%
24) Chloroform-d	4.246	84	225684	27.489	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.960%
26) 1,2-Dichloroethane-d4	4.941	65	121679	30.042	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.160%
32) Benzene-d6	4.953	84	399320	25.857	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.440%
36) 1,2-Dichloropropane-d6	5.986	67	113411	25.773	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.080%
41) Toluene-d8	7.240	98	393400	26.693	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.760%
43) trans-1,3-Dichloroprop...	7.551	79	52244	26.707	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.840%
47) 2-Hexanone-d5	8.030	63	35932	61.358	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.720%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	110853	28.904	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.600%
66) 1,2-Dichlorobenzene-d4	11.558	152	177329	25.750	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.000%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	165078	31.357	ug/L	100
3) Chloromethane	1.211	50	127847	31.565	ug/L	100
5) Vinyl chloride	1.278	62	154444	30.835	ug/L	100
6) Bromomethane	1.484	94	125832	31.421	ug/L	100
8) Chloroethane	1.545	64	99987	30.804	ug/L	99
9) Trichlorofluoromethane	1.706	101	270785	31.136	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	166928	30.849	ug/L	100
12) 1,1-Dichloroethene	2.063	96	149185	31.152	ug/L	98
13) Acetone	2.150	43	70633m	54.800	ug/L	
14) Carbon disulfide	2.230	76	415936	31.293	ug/L	100
15) Methyl Acetate	2.388	43	47637	31.679	ug/L	97
16) Methylene chloride	2.439	84	183624	31.792	ug/L	97
17) trans-1,2-Dichloroethene	2.687	96	147466	30.491	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	317040	31.255	ug/L	99
19) 1,1-Dichloroethane	3.105	63	231468	30.505	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	151868	30.068	ug/L	100
22) 2-Butanone	3.908	43	66736m	60.996	ug/L	
23) Bromochloromethane	4.143	128	87794	32.707	ug/L	98
25) Chloroform	4.272	83	284535	31.066	ug/L	98

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 Supervised By :Mahesh
 adoda

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	179778	32.711	ug/L	98
29) Cyclohexane	4.577	56	164835	28.373	ug/L	99
30) 1,1,1-Trichloroethane	4.507	97	246473	29.237	ug/L	100
31) Carbon tetrachloride	4.728	117	232660	29.540	ug/L	100
33) Benzene	5.005	78	551307	29.793	ug/L	100
34) Trichloroethene	5.828	95	178862	29.536	ug/L	98
35) Methylcyclohexane	6.047	83	236691	29.354	ug/L	100
37) 1,2-Dichloropropane	6.088	63	127932	30.040	ug/L	99
38) Bromodichloromethane	6.429	83	203821	29.354	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	213275	30.500	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	125009	62.862	ug/L	99
42) Toluene	7.310	91	628666	30.672	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	191814	30.545	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	130363	31.387	ug/L	97
46) Tetrachloroethene	7.902	164	158503	26.376	ug/L	99
48) 2-Hexanone	8.079	43	96241	61.725	ug/L	99
49) Dibromochloromethane	8.175	129	163737	31.290	ug/L	98
50) 1,2-Dibromoethane	8.281	107	134642	32.266	ug/L	99
51) Chlorobenzene	8.812	112	440787	29.703	ug/L	98
52) Ethylbenzene	8.944	91	680063	30.164	ug/L	99
53) m,p-Xylene	9.069	106	274682	31.206	ug/L	99
54) o-Xylene	9.477	106	257815	30.484	ug/L	100
55) Styrene	9.493	104	468701	32.683	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	116401	30.931	ug/L	99
59) Bromoform	9.664	173	112759	30.349	ug/L	99
60) Isopropylbenzene	9.863	105	703495	29.141	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	105445	30.320	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	572970	30.427	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	580899	30.474	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	387879	28.742	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	399418	28.740	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	361923	28.843	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	25427	31.047	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	297262	27.923	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	241902	27.973	ug/L	100
71) Naphthalene	13.435	128	376958	29.303	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	234657	30.074	ug/L	99

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

