

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060324\
 Data File : VW035963.D
 Acq On : 03 Jun 2024 19:08
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD025390

Quant Time: Jun 04 02:21:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 04 02:12:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	427301	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	452672	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	249134	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	167924	21.375	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.520%
7) Chloroethane-d5	1.526	69	138693	22.141	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.560%
11) 1,1-Dichloroethene-d2	2.050	65	74064	21.178	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.720%
21) 2-Butanone-d5	3.838	46	95389m	52.922	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.840%
24) Chloroform-d	4.243	84	311077	22.899	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	4.941	65	169414	23.785	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.160%
32) Benzene-d6	4.954	84	598003	22.224	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.880%
36) 1,2-Dichloropropane-d6	5.986	67	187908	22.176	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.720%
41) Toluene-d8	7.240	98	546185	23.005	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.040%
43) trans-1,3-Dichloroprop...	7.551	79	79331	22.833	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.320%
47) 2-Hexanone-d5	8.031	63	61592	53.649	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.300%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	144269	22.784	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.120%
66) 1,2-Dichlorobenzene-d4	11.558	152	200442	21.940	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.102	85	178103	23.116	ug/L	100
3) Chloromethane	1.211	50	216868	24.527	ug/L	100
5) Vinyl chloride	1.275	62	222050	23.854	ug/L	100
6) Bromomethane	1.481	94	138983	24.068	ug/L	99
8) Chloroethane	1.545	64	141177	24.400	ug/L	99
9) Trichlorofluoromethane	1.706	101	275684	23.848	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	175652	23.942	ug/L	99
12) 1,1-Dichloroethene	2.060	96	163607	23.910	ug/L	95
13) Acetone	2.150	43	102351	36.454	ug/L	94
14) Carbon disulfide	2.230	76	553895	23.310	ug/L	100
15) Methyl Acetate	2.384	43	100691	28.852	ug/L	97
16) Methylene chloride	2.439	84	231842	23.978	ug/L	100
17) trans-1,2-Dichloroethene	2.687	96	177130	24.369	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	455648	27.923	ug/L	99
19) 1,1-Dichloroethane	3.105	63	349886	25.277	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	182089	24.931	ug/L	99
22) 2-Butanone	3.912	43	109148	45.815	ug/L	83
23) Bromochloromethane	4.143	128	101332	27.659	ug/L	99
25) Chloroform	4.269	83	364896	25.626	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	244012	27.449	ug/L	100
29) Cyclohexane	4.577	56	248341	23.042	ug/L	99
30) 1,1,1-Trichloroethane	4.507	97	290146	23.445	ug/L	99
31) Carbon tetrachloride	4.728	117	252397	23.248	ug/L	99
33) Benzene	5.005	78	741153	25.034	ug/L	100
34) Trichloroethene	5.828	95	224498	24.741	ug/L	99
35) Methylcyclohexane	6.047	83	295991	23.588	ug/L	99
37) 1,2-Dichloropropane	6.092	63	206743	26.594	ug/L	100
38) Bromodichloromethane	6.429	83	263300	25.589	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	290369	24.973	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	247719	58.651	ug/L	98
42) Toluene	7.314	91	784368	25.928	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	266113	26.497	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	170589	26.521	ug/L	100
46) Tetrachloroethene	7.902	164	153492	23.129	ug/L	98
48) 2-Hexanone	8.079	43	177636	53.797	ug/L	98
49) Dibromochloromethane	8.172	129	188080	26.717	ug/L	99
50) 1,2-Dibromoethane	8.281	107	169442	27.454	ug/L	98
51) Chlorobenzene	8.812	112	509647	24.725	ug/L	99
52) Ethylbenzene	8.944	91	817402	25.254	ug/L	100
53) m,p-Xylene	9.069	106	317792	26.130	ug/L	100
54) o-Xylene	9.477	106	297150	25.909	ug/L	98
55) Styrene	9.494	104	569695	28.168	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	144931	25.163	ug/L	99
59) Bromoform	9.664	173	123530	26.292	ug/L	98
60) Isopropylbenzene	9.863	105	791629	24.768	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	161146	27.349	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	573076	24.726	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	645833	25.863	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	414584	24.699	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	427967	24.702	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	399452	25.289	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	37420	28.400	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	295260	23.516	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	239761	24.252	ug/L	100
71) Naphthalene	13.435	128	442489	27.426	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	243720	27.016	ug/L	99

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

