

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122024\
 Data File : VW031458.D
 Acq On : 21 Dec 2024 04:15
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025602

Quant Time: Dec 21 05:17:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 23:42:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	534538	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	474000	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.549	152	242321	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	178951	22.250	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.000%
7) Chloroethane-d5	2.893	69	162705	27.348	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.400%
11) 1,1-Dichloroethene-d2	4.008	65	84094	22.043	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.160%
21) 2-Butanone-d5	7.099	46	92570	61.117	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.240%
24) Chloroform-d	7.648	84	402771	27.501	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.000%
26) 1,2-Dichloroethane-d4	8.306	65	215599	29.312	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.240%
32) Benzene-d6	8.270	84	783116	25.777	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.120%
36) 1,2-Dichloropropane-d6	9.270	67	239131	27.007	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.040%
41) Toluene-d8	10.318	98	717371	25.382	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.520%
43) trans-1,3-Dichloroprop...	10.574	79	90103	22.070	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.280%
47) 2-Hexanone-d5	10.922	63	72321	60.736	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.480%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	180952	32.549	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	130.200%#
66) 1,2-Dichlorobenzene-d4	13.848	152	232077	25.798	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	106922	22.133	ug/L	99
3) Chloromethane	2.222	50	164587	30.326	ug/L	98
5) Vinyl chloride	2.369	62	195679	26.017	ug/L	97
6) Bromomethane	2.789	94	139603	30.191	ug/L	99
8) Chloroethane	2.929	64	134636	30.101	ug/L	99
9) Trichlorofluoromethane	3.265	101	236219	29.482	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.063	101	163577	25.282	ug/L	96
12) 1,1-Dichloroethene	4.033	96	167549	25.568	ug/L	99
13) Acetone	4.173	43	57966	27.480	ug/L #	100
14) Carbon disulfide	4.386	76	431552	20.193	ug/L	100
15) Methyl Acetate	4.685	43	75630	31.568	ug/L	96
16) Methylene chloride	4.917	84	190669	28.350	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	187478	26.541	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	350522	29.683	ug/L	99
19) 1,1-Dichloroethane	6.215	63	369375	27.984	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	221946	29.041	ug/L	95
22) 2-Butanone	7.191	43	92901	36.348	ug/L	97
23) Bromochloromethane	7.514	128	91733	30.097	ug/L	88
25) Chloroform	7.672	83	382722	29.379	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	254209	31.039	ug/L	99
29) Cyclohexane	7.953	56	279168	21.717	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	288665	23.562	ug/L	99
31) Carbon tetrachloride	8.069	117	242481	22.216	ug/L	99
33) Benzene	8.319	78	802050	27.381	ug/L	100
34) Trichloroethene	9.087	95	214466	25.934	ug/L	95
35) Methylcyclohexane	9.331	83	331228	22.999	ug/L	98
37) 1,2-Dichloropropane	9.367	63	211077	28.885	ug/L	99
38) Bromodichloromethane	9.642	83	253043	26.636	ug/L	95
39) cis-1,3-Dichloropropene	10.068	75	313395	25.380	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	220041	56.757	ug/L	98
42) Toluene	10.385	91	877861	27.526	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	252725	25.066	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	152324	31.339	ug/L	96
46) Tetrachloroethene	10.861	164	153596	25.356	ug/L	97
48) 2-Hexanone	10.965	43	145832	44.228	ug/L	99
49) Dibromochloromethane	11.123	129	154967	26.897	ug/L	88
50) 1,2-Dibromoethane	11.233	107	144134	31.304	ug/L	97
51) Chlorobenzene	11.653	112	564381	28.225	ug/L	99
52) Ethylbenzene	11.727	91	1013902	27.431	ug/L	99
53) m,p-Xylene	11.836	106	393030	27.932	ug/L	96
54) o-Xylene	12.159	106	380190	28.670	ug/L	100
55) Styrene	12.178	104	642182	29.113	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	172490	32.920	ug/L	98
59) Bromoform	12.348	173	78349	23.015	ug/L	100
60) Isopropylbenzene	12.458	105	1013542	25.559	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	125891	30.361	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	861753	25.632	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	846463	26.049	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	438625	27.301	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	453183	28.468	ug/L	88
67) 1,2-Dichlorobenzene	13.866	146	389415	28.130	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	25359	24.099	ug/L	98
69) 1,3,5-Trichlorobenzene	14.622	180	283318	25.179	ug/L	97
70) 1,2,4-trichlorobenzene	15.122	180	243339	25.997	ug/L	99
71) Naphthalene	15.354	128	484603	29.530	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	218402	28.960	ug/L	99

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

