

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081324\
 Data File : VW029899.D
 Acq On : 13 Aug 2024 16:03
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025578

Quant Time: Aug 14 01:05:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 14 01:04:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	212682	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	203286	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	102578	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	85870	28.440	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 113.760%	
7) Chloroethane-d5	2.899	69	71218	33.038	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 132.160%	
11) 1,1-Dichloroethene-d2	4.021	65	36721	26.643	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 106.560%	
21) 2-Butanone-d5	7.081	46	35172	42.501	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 85.000%	
24) Chloroform-d	7.648	84	173746	31.558	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 126.240%	
26) 1,2-Dichloroethane-d4	8.300	65	94258	30.058	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 120.240%	
32) Benzene-d6	8.270	84	325664	29.649	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 118.600%	
36) 1,2-Dichloropropane-d6	9.270	67	96838	27.611	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 110.440%	
41) Toluene-d8	10.318	98	310663	31.809	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 127.240%	
43) trans-1,3-Dichloroprop...	10.574	79	40960	28.862	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 115.440%	
47) 2-Hexanone-d5	10.922	63	26378	45.612	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 91.220%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	77053	29.588	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 118.360%	
66) 1,2-Dichlorobenzene-d4	13.848	152	99243	31.158	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 124.640%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	64276	22.420	ug/L	91
3) Chloromethane	2.222	50	66967	18.877	ug/L	98
5) Vinyl chloride	2.375	62	88390	22.237	ug/L	98
6) Bromomethane	2.789	94	59095	27.075	ug/L	99
8) Chloroethane	2.929	64	57686	25.511	ug/L	97
9) Trichlorofluoromethane	3.265	101	74056	23.325	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	76494	24.190	ug/L	94
12) 1,1-Dichloroethene	4.039	96	69002	23.749	ug/L	80
13) Acetone	4.130	43	35988	34.992	ug/L	93
14) Carbon disulfide	4.386	76	188722	19.518	ug/L	99
15) Methyl Acetate	4.673	43	29270	17.087	ug/L #	91
16) Methylene chloride	4.917	84	82516	18.559	ug/L	84
17) trans-1,2-Dichloroethene	5.423	96	74674	23.850	ug/L	85
18) Methyl tert-butyl Ether	5.429	73	117101	22.693	ug/L #	67
19) 1,1-Dichloroethane	6.215	63	147571	22.347	ug/L	99
20) cis-1,2-Dichloroethene	7.166	96	84175	24.784	ug/L	97
22) 2-Butanone	7.172	43	41174	31.245	ug/L	83
23) Bromochloromethane	7.514	128	36786	25.513	ug/L #	74
25) Chloroform	7.672	83	160851	25.854	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	103792	22.891	ug/L	98
29) Cyclohexane	7.953	56	106556	18.445	ug/L	91
30) 1,1,1-Trichloroethane	7.867	97	125051	24.291	ug/L	95
31) Carbon tetrachloride	8.069	117	110995	23.928	ug/L	99
33) Benzene	8.319	78	322322	23.141	ug/L	100
34) Trichloroethene	9.087	95	85571	23.435	ug/L	95
35) Methylcyclohexane	9.337	83	132906	21.844	ug/L	94
37) 1,2-Dichloropropane	9.367	63	83811	21.957	ug/L	98
38) Bromodichloromethane	9.642	83	113423	24.954	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	128069	23.039	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	84585	34.888	ug/L #	92
42) Toluene	10.385	91	356263	25.058	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	108838	23.585	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	62652	24.433	ug/L	98
46) Tetrachloroethene	10.861	164	61214	23.066	ug/L	94
48) 2-Hexanone	10.964	43	63737	35.101	ug/L #	92
49) Dibromochloromethane	11.123	129	66990	25.165	ug/L	97
50) 1,2-Dibromoethane	11.233	107	56906	23.985	ug/L	98
51) Chlorobenzene	11.653	112	218989	24.763	ug/L	95
52) Ethylbenzene	11.727	91	404962	25.251	ug/L	100
53) m,p-Xylene	11.836	106	147031	24.928	ug/L	98
54) o-Xylene	12.159	106	138919	25.577	ug/L	91
55) Styrene	12.178	104	247441	26.282	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	74504	23.672	ug/L #	94
59) Bromoform	12.348	173	37826	24.507	ug/L #	96
60) Isopropylbenzene	12.458	105	395311	24.904	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	52206	20.926	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	324768	27.526	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	326621	25.885	ug/L	97
64) 1,3-Dichlorobenzene	13.494	146	167320	24.706	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	176371	25.353	ug/L	97
67) 1,2-Dichlorobenzene	13.866	146	151577	24.584	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	10958	19.344	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.622	180	113125	24.414	ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	96372	24.688	ug/L	93
71) Naphthalene	15.360	128	175550	23.569	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	84246	23.844	ug/L	96

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

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