

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
 Data File : VW029997.D
 Acq On : 23 Aug 2024 09:05
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025589

Quant Time: Aug 24 04:55:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 23 01:48:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	239371	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	229297	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	113876	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	59105	17.393	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.560%
7) Chloroethane-d5	2.905	69	52261	21.541	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.160%
11) 1,1-Dichloroethene-d2	4.021	65	28166	18.157	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.640%
21) 2-Butanone-d5	7.087	46	31531	33.853	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.700%
24) Chloroform-d	7.648	84	159563	25.751	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	8.307	65	80950	22.936	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.760%
32) Benzene-d6	8.276	84	280330	22.627	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.520%
36) 1,2-Dichloropropane-d6	9.276	67	85738	21.673	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.680%
41) Toluene-d8	10.325	98	254312	23.085	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.360%
43) trans-1,3-Dichloroprop...	10.581	79	34158	21.338	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.360%
47) 2-Hexanone-d5	10.922	63	25063	38.422	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.840%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	71842	24.458	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	82367	23.294	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	69831	21.642	ug/L	99
3) Chloromethane	2.222	50	73850	18.497	ug/L	98
5) Vinyl chloride	2.375	62	100602	22.487	ug/L	98
6) Bromomethane	2.795	94	64493	26.253	ug/L	99
8) Chloroethane	2.936	64	64271	25.254	ug/L	97
9) Trichlorofluoromethane	3.271	101	110546	30.936	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	98413	27.652	ug/L	95
12) 1,1-Dichloroethene	4.051	96	84610	25.874	ug/L	74
13) Acetone	4.143	43	47948	41.423	ug/L	90
14) Carbon disulfide	4.393	76	219250	20.147	ug/L	99
15) Methyl Acetate	4.679	43	34711	18.004	ug/L #	88
16) Methylene chloride	4.923	84	106210	21.224	ug/L	85
17) trans-1,2-Dichloroethene	5.429	96	91225	25.887	ug/L	88
18) Methyl tert-butyl Ether	5.435	73	139375	23.998	ug/L	97
19) 1,1-Dichloroethane	6.222	63	184497	24.824	ug/L	99
20) cis-1,2-Dichloroethene	7.179	96	102709	26.870	ug/L	90
22) 2-Butanone	7.179	43	52605	35.469	ug/L	86
23) Bromochloromethane	7.514	128	47280	29.135	ug/L #	80
25) Chloroform	7.679	83	202720	28.950	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	126442	24.777	ug/L	98
29) Cyclohexane	7.959	56	129785	19.917	ug/L	91
30) 1,1,1-Trichloroethane	7.874	97	164023	28.248	ug/L	94
31) Carbon tetrachloride	8.075	117	147118	28.118	ug/L	99
33) Benzene	8.325	78	406450	25.871	ug/L	100
34) Trichloroethene	9.093	95	108495	26.343	ug/L	96
35) Methylcyclohexane	9.337	83	159406	23.228	ug/L	95
37) 1,2-Dichloropropane	9.367	63	103396	24.016	ug/L	98
38) Bromodichloromethane	9.642	83	141827	27.663	ug/L	94
39) cis-1,3-Dichloropropene	10.075	75	154450	24.633	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	101535	37.128	ug/L #	90
42) Toluene	10.386	91	436947	27.247	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	131770	25.315	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	79480	27.479	ug/L	98
46) Tetrachloroethene	10.861	164	79148	26.440	ug/L	92
48) 2-Hexanone	10.965	43	78242	38.201	ug/L #	93
49) Dibromochloromethane	11.129	129	86346	28.757	ug/L	99
50) 1,2-Dibromoethane	11.233	107	71391	26.676	ug/L	99
51) Chlorobenzene	11.654	112	273548	27.423	ug/L	97
52) Ethylbenzene	11.727	91	498823	27.575	ug/L	97
53) m,p-Xylene	11.837	106	187779	28.226	ug/L	92
54) o-Xylene	12.166	106	175625	28.667	ug/L	100
55) Styrene	12.178	104	310606	29.249	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	90382	25.460	ug/L	99
59) Bromoform	12.349	173	49685	28.996	ug/L	96
60) Isopropylbenzene	12.458	105	494611	28.069	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	65330	23.588	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	408127	31.160	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	400714	28.607	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	223873	29.777	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	218689	28.318	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	192898	28.182	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	13629	21.673	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.623	180	151511	29.455	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	120315	27.763	ug/L	93
71) Naphthalene	15.360	128	204167	24.691	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	107491	27.405	ug/L	94

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

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