

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010924\
 Data File : VW027835.D
 Acq On : 09 Jan 2024 08:57
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025581

Quant Time: Jan 10 00:37:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 09 04:13:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	353358	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	319800	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	163740	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	98684	22.882	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.520%		
7) Chloroethane-d5	2.905	69	75921	20.079	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.320%		
11) 1,1-Dichloroethene-d2	4.027	65	41597	21.441	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	85.760%		
21) 2-Butanone-d5	7.093	46	37210	52.176	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	104.360%		
24) Chloroform-d	7.654	84	192172	22.491	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	89.960%		
26) 1,2-Dichloroethane-d4	8.307	65	89654	23.159	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.640%		
32) Benzene-d6	8.276	84	408019	22.480	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	89.920%		
36) 1,2-Dichloropropane-d6	9.276	67	113422	22.587	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	90.360%		
41) Toluene-d8	10.325	98	393088	23.166	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.680%		
43) trans-1,3-Dichloroprop...	10.581	79	46779	23.966	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	95.880%		
47) 2-Hexanone-d5	10.922	63	34859	52.886	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	105.780%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	90676	25.348	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	101.400%		
66) 1,2-Dichlorobenzene-d4	13.848	152	132558	23.030	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.120%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	91801	25.044	ug/L	99
3) Chloromethane	2.228	50	102229	22.443	ug/L	98
5) Vinyl chloride	2.375	62	121073	26.335	ug/L	97
6) Bromomethane	2.802	94	84583	23.629	ug/L	98
8) Chloroethane	2.942	64	70344	23.224	ug/L	98
9) Trichlorofluoromethane	3.277	101	132587	25.133	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	105738	24.627	ug/L	99
12) 1,1-Dichloroethene	4.051	96	101890	24.242	ug/L	94
13) Acetone	4.161	43	42984	47.159	ug/L	97
14) Carbon disulfide	4.393	76	308286	23.861	ug/L	98
15) Methyl Acetate	4.685	43	29725	23.972	ug/L	94
16) Methylene chloride	4.929	84	113797	22.213	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	106554	23.727	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	137414	25.045	ug/L	100
19) 1,1-Dichloroethane	6.222	63	178150	23.384	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	114402	23.422	ug/L	98
22) 2-Butanone	7.185	43	49127	55.566	ug/L	100
23) Bromochloromethane	7.514	128	49780	23.489	ug/L	97
25) Chloroform	7.679	83	185751	23.584	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	106383	23.897	ug/L	95
29) Cyclohexane	7.959	56	161766	24.860	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	156057	24.330	ug/L	98
31) Carbon tetrachloride	8.069	117	137921	24.788	ug/L	97
33) Benzene	8.325	78	416465	23.592	ug/L	100
34) Trichloroethene	9.093	95	115607	23.960	ug/L	95
35) Methylcyclohexane	9.337	83	197483	24.318	ug/L	98
37) 1,2-Dichloropropane	9.367	63	99586	23.418	ug/L	100
38) Bromodichloromethane	9.642	83	125571	23.615	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	159973	24.412	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	86932	52.406	ug/L	98
42) Toluene	10.386	91	452113	23.534	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	126395	24.988	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	78212	24.549	ug/L	96
46) Tetrachloroethene	10.867	164	97572	24.801	ug/L	95
48) 2-Hexanone	10.971	43	69308	57.704	ug/L	97
49) Dibromochloromethane	11.129	129	85184	24.470	ug/L	99
50) 1,2-Dibromoethane	11.233	107	74523	25.379	ug/L	93
51) Chlorobenzene	11.654	112	303039	23.888	ug/L	98
52) Ethylbenzene	11.727	91	518433	23.941	ug/L	96
53) m,p-Xylene	11.836	106	206793	24.535	ug/L	100
54) o-Xylene	12.160	106	187517	23.750	ug/L	95
55) Styrene	12.178	104	329232	24.684	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	86512	25.187	ug/L	96
59) Bromoform	12.349	173	48836	24.290	ug/L #	93
60) Isopropylbenzene	12.458	105	541225	24.311	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	61220	24.692	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	423063	23.653	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	427838	24.108	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	240973	23.595	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	240350	24.077	ug/L	90
67) 1,2-Dichlorobenzene	13.861	146	203464	23.374	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	12193	25.200	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	172201	24.489	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	139656	24.189	ug/L	90
71) Naphthalene	15.360	128	253144	26.690	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	119571	24.625	ug/L	99

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

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