

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061623\
 Data File : VW026215.D
 Acq On : 16 Jun 2023 08:49
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025521

Quant Time: Jun 16 23:56:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 14 23:24:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	680443	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	612612	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	310667	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	205081	21.424	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.680%
7) Chloroethane-d5	2.899	69	186296	25.998	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.000%
11) 1,1-Dichloroethene-d2	4.021	65	108160	22.915	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.640%
21) 2-Butanone-d5	7.075	46	153123	54.945	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.880%
24) Chloroform-d	7.648	84	481698	24.174	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.680%
26) 1,2-Dichloroethane-d4	8.307	65	256219	23.515	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.080%
32) Benzene-d6	8.270	84	946348	22.957	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.840%
36) 1,2-Dichloropropane-d6	9.270	67	303664	23.252	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.000%
41) Toluene-d8	10.319	98	810079	22.159	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.640%
43) trans-1,3-Dichloroprop...	10.575	79	110552	21.362	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.440%
47) 2-Hexanone-d5	10.922	63	103642	50.331	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.660%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	239301	25.181	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.720%
66) 1,2-Dichlorobenzene-d4	13.849	152	255024	21.447	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	212270	25.448	ug/L	93
3) Chloromethane	2.223	50	268511	25.105	ug/L	98
5) Vinyl chloride	2.375	62	302846	26.490	ug/L	98
6) Bromomethane	2.790	94	160780	25.797	ug/L	99
8) Chloroethane	2.936	64	176803	28.618	ug/L	99
9) Trichlorofluoromethane	3.265	101	211520	28.758	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	242072	26.083	ug/L	99
12) 1,1-Dichloroethene	4.045	96	220765	25.482	ug/L	79
13) Acetone	4.119	43	140198	65.015	ug/L	97
14) Carbon disulfide	4.387	76	700902	22.918	ug/L	100
15) Methyl Acetate	4.673	43	117372	24.252	ug/L	100
16) Methylene chloride	4.917	84	236211	21.750	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	234020	24.076	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	351903	22.971	ug/L	99
19) 1,1-Dichloroethane	6.216	63	493122	24.919	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	254451	24.713	ug/L	97
22) 2-Butanone	7.167	43	176146	57.263	ug/L	96
23) Bromochloromethane	7.514	128	103207	23.504	ug/L	97
25) Chloroform	7.673	83	456592	24.773	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	310328	24.412	ug/L	98
29) Cyclohexane	7.959	56	453311	23.968	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	368001	24.754	ug/L	100
31) Carbon tetrachloride	8.069	117	330044	24.328	ug/L	99
33) Benzene	8.325	78	1017270	24.240	ug/L	100
34) Trichloroethene	9.093	95	253379	23.579	ug/L	98
35) Methylcyclohexane	9.331	83	458101	24.092	ug/L	99
37) 1,2-Dichloropropane	9.368	63	278147	24.470	ug/L	100
38) Bromodichloromethane	9.642	83	320102	24.240	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	400642	23.985	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	330076	49.255	ug/L	99
42) Toluene	10.386	91	1046724	24.386	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	331549	23.825	ug/L	95
45) 1,1,2-Trichloroethane	10.782	97	177262	23.662	ug/L	100
46) Tetrachloroethene	10.861	164	179763	23.651	ug/L	98
48) 2-Hexanone	10.965	43	239184	50.619	ug/L	99
49) Dibromochloromethane	11.123	129	191389	24.367	ug/L	88
50) 1,2-Dibromoethane	11.233	107	162378	23.410	ug/L	96
51) Chlorobenzene	11.654	112	638583	23.741	ug/L	99
52) Ethylbenzene	11.727	91	1201290	24.810	ug/L	98
53) m,p-Xylene	11.837	106	438118	24.322	ug/L	96
54) o-Xylene	12.160	106	411005	24.175	ug/L	93
55) Styrene	12.178	104	725581	24.877	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	215062	23.722	ug/L	97
59) Bromoform	12.349	173	100325	21.501	ug/L	97
60) Isopropylbenzene	12.459	105	1167258	23.917	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	156085	22.430	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	919829	23.709	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	850540	23.936	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	479459	23.365	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	472542	22.873	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	413914	22.463	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.483	75	34014	21.097	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	320835	22.761	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	259944	22.349	ug/L	94
71) Naphthalene	15.360	128	448877	21.654	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	228572	22.486	ug/L	97

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

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