

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013023\
 Data File : VW025253.D
 Acq On : 30 Jan 2023 16:40
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025526

Quant Time: Jan 31 01:41:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM013023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 31 01:26:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	433858	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	383470	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	199158	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	107219	22.132	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.520%
7) Chloroethane-d5	2.879	69	58254	18.707	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.840%
11) 1,1-Dichloroethene-d2	4.019	63	259162	22.787	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.160%
21) 2-Butanone-d5	7.073	46	71574	54.119	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.240%
24) Chloroform-d	7.646	84	272898	23.709	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.840%
26) 1,2-Dichloroethane-d4	8.305	65	147843	23.980	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.920%
32) Benzene-d6	8.274	84	546099	24.015	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.080%
36) 1,2-Dichloropropane-d6	9.274	67	158249	24.044	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.160%
41) Toluene-d8	10.323	98	500660	23.857	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.440%
43) trans-1,3-Dichloroprop...	10.579	79	70740	24.408	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.640%
47) 2-Hexanone-d5	10.920	63	58714	55.895	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.780%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	130668	25.773	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	163009	22.905	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	72825	25.463	ug/L	98
3) Chloromethane	2.208	50	118018	23.399	ug/L	98
5) Vinyl chloride	2.355	62	145049	22.826	ug/L	99
6) Bromomethane	2.775	94	70817	21.341	ug/L	95
8) Chloroethane	2.909	64	50709	17.751	ug/L	96
9) Trichlorofluoromethane	3.251	101	105702	21.838	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	154402	23.898	ug/L	99
12) 1,1-Dichloroethene	4.037	96	141166	23.306	ug/L	97
13) Acetone	4.117	43	78109	54.681	ug/L	98
14) Carbon disulfide	4.379	76	462100	23.133	ug/L	98
15) Methyl Acetate	4.671	43	61780	26.119	ug/L	99
16) Methylene chloride	4.909	84	158759	23.072	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	148773	23.564	ug/L	98
18) Methyl tert-butyl Ether	5.427	73	232293	25.508	ug/L	100
19) 1,1-Dichloroethane	6.214	63	268614	23.891	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	160109	24.257	ug/L	99
22) 2-Butanone	7.171	43	95673	54.905	ug/L	98
23) Bromochloromethane	7.512	128	67888	23.903	ug/L	93
25) Chloroform	7.677	83	275623	24.006	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	188373	24.691	ug/L	98
29) Cyclohexane	7.951	56	257174	24.461	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	237061	23.810	ug/L	100
31) Carbon tetrachloride	8.067	117	215320	22.991	ug/L	97
33) Benzene	8.323	78	598810	23.795	ug/L	100
34) Trichloroethene	9.091	95	162842	23.754	ug/L	98
35) Methylcyclohexane	9.335	83	286924	24.080	ug/L	100
37) 1,2-Dichloropropane	9.366	63	148132	24.406	ug/L	100
38) Bromodichloromethane	9.646	83	200065	24.619	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	249565	25.005	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	174704	55.066	ug/L	99
42) Toluene	10.384	91	645324	24.264	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	210555	25.136	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	113960	24.966	ug/L	99
46) Tetrachloroethene	10.859	164	120436	23.845	ug/L	91
48) 2-Hexanone	10.969	43	126485	52.583	ug/L	98
49) Dibromochloromethane	11.127	129	129404	24.888	ug/L	97
50) 1,2-Dibromoethane	11.231	107	108553	24.690	ug/L	98
51) Chlorobenzene	11.658	112	408560	23.995	ug/L	98
52) Ethylbenzene	11.731	91	747408	24.209	ug/L	99
53) m,p-Xylene	11.835	106	286236	24.396	ug/L	93
54) o-Xylene	12.164	106	269437	24.462	ug/L	98
55) Styrene	12.176	104	460397	24.823	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	137135	26.015	ug/L	98
59) Bromoform	12.347	173	72922	22.153	ug/L	98
60) Isopropylbenzene	12.463	105	744941	21.354	ug/L	100
61) 1,2,3-Trichloropropane	12.767	75	100392	22.902	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	637480	23.125	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	633505	23.485	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	313542	22.350	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	312639	22.429	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	276183	23.456	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	22146	21.493	ug/L	98
69) 1,3,5-Trichlorobenzene	14.621	180	201750	21.795	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	177117	23.876	ug/L	94
71) Naphthalene	15.358	128	396347	26.462	ug/L	99
72) 1,2,3-Trichlorobenzene	15.547	180	161029	24.026	ug/L	96

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

