

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101723\
 Data File : VW027305.D
 Acq On : 17 Oct 2023 11:11
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 18 05:25:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Oct 16 01:55:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	537865	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	477087	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	232334	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	196822	23.977	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.920%
7) Chloroethane-d5	2.899	69	148953	25.272	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.080%
11) 1,1-Dichloroethene-d2	4.021	65	96727	23.517	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.080%
21) 2-Butanone-d5	7.069	46	119612	43.840	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.680%
24) Chloroform-d	7.648	84	385455	24.044	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.160%
26) 1,2-Dichloroethane-d4	8.307	65	196728	22.845	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.360%
32) Benzene-d6	8.270	84	794610	24.617	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.480%
36) 1,2-Dichloropropane-d6	9.270	67	238943	24.236	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.960%
41) Toluene-d8	10.319	98	704705	24.075	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.320%
43) trans-1,3-Dichloroprop...	10.575	79	104271	23.196	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.800%
47) 2-Hexanone-d5	10.922	63	93730	45.951	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.900%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	172210	23.412	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.640%
66) 1,2-Dichlorobenzene-d4	13.849	152	209514	24.885	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	136476	21.326	ug/L	# 83
3) Chloromethane	2.223	50	172048	23.393	ug/L	99
5) Vinyl chloride	2.375	62	201278	24.501	ug/L	99
6) Bromomethane	2.790	94	112372	24.015	ug/L	98
8) Chloroethane	2.936	64	115202	24.361	ug/L	98
9) Trichlorofluoromethane	3.271	101	156730	27.042	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	180017	24.804	ug/L	97
12) 1,1-Dichloroethene	4.045	96	175838	24.931	ug/L	85
13) Acetone	4.119	43	128590	54.568	ug/L	99
14) Carbon disulfide	4.387	76	509708	23.312	ug/L	100
15) Methyl Acetate	4.667	43	91064	22.625	ug/L	99
16) Methylene chloride	4.917	84	179129	18.194	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	182236	24.042	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	289095	22.106	ug/L	99
19) 1,1-Dichloroethane	6.216	63	370837	23.979	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	205063	23.956	ug/L	94
22) 2-Butanone	7.167	43	154397	43.773	ug/L	99
23) Bromochloromethane	7.508	128	82349	23.301	ug/L	98
25) Chloroform	7.673	83	341396	23.586	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	225514	22.936	ug/L	99
29) Cyclohexane	7.959	56	347631	23.998	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	290393	24.953	ug/L	99
31) Carbon tetrachloride	8.063	117	255968	24.393	ug/L	99
33) Benzene	8.325	78	768862	24.659	ug/L	100
34) Trichloroethene	9.087	95	204954	24.885	ug/L	94
35) Methylcyclohexane	9.337	83	355114	24.111	ug/L	99
37) 1,2-Dichloropropane	9.368	63	205237	24.345	ug/L	99
38) Bromodichloromethane	9.642	83	251771	24.287	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	333994	23.983	ug/L	97
40) 4-Methyl-2-pentanone	10.203	43	264627	45.643	ug/L	100
42) Toluene	10.386	91	819645	25.059	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	277134	23.585	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	139621	24.067	ug/L	98
46) Tetrachloroethene	10.861	164	142647	25.083	ug/L	90
48) 2-Hexanone	10.965	43	210875	49.141	ug/L	98
49) Dibromochloromethane	11.123	129	152951	23.740	ug/L	97
50) 1,2-Dibromoethane	11.233	107	130871	23.267	ug/L	97
51) Chlorobenzene	11.654	112	506485	24.728	ug/L	98
52) Ethylbenzene	11.727	91	934995	24.599	ug/L	95
53) m,p-Xylene	11.837	106	348470	24.172	ug/L	97
54) o-Xylene	12.166	106	334431	24.225	ug/L	96
55) Styrene	12.178	104	573173	24.311	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	166950	23.574	ug/L	98
59) Bromoform	12.349	173	85433	24.712	ug/L	98
60) Isopropylbenzene	12.459	105	917439	25.137	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	124113	24.466	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	786574	25.836	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	768042	25.784	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	377356	25.496	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	371094	25.107	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	334981	25.506	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	28650	22.597	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	239826	24.961	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	207412	25.363	ug/L	95
71) Naphthalene	15.354	128	388176	23.082	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	160641	23.889	ug/L	94

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

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