

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101823\
 Data File : VW027320.D
 Acq On : 18 Oct 2023 10:14
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025526

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/19/2023
 Supervised By :Mahesh Dadoda 10/20/2023

Quant Time: Oct 18 22:15:48 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	478615	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	425095	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	214666	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	147436	20.185	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.720%		
7) Chloroethane-d5	2.899	69	115256	21.975	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.920%		
11) 1,1-Dichloroethene-d2	4.021	65	74623	20.389	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	81.560%		
21) 2-Butanone-d5	7.075	46	92426	38.070	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	76.140%		
24) Chloroform-d	7.648	84	305647	21.426	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	85.720%		
26) 1,2-Dichloroethane-d4	8.307	65	163070	21.281	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	85.120%		
32) Benzene-d6	8.276	84	635057	22.081	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	88.320%		
36) 1,2-Dichloropropane-d6	9.270	67	192917	21.961	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	87.840%		
41) Toluene-d8	10.325	98	551151	21.132	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	84.520%		
43) trans-1,3-Dichloroprop...	10.575	79	83505	20.849	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	83.400%		
47) 2-Hexanone-d5	10.922	63	72281	39.770	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	79.540%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	138635	21.152	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	84.600%		
66) 1,2-Dichlorobenzene-d4	13.848	152	165409	21.263	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	85.040%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	121963	21.417	ug/L	95
3) Chloromethane	2.229	50	145356	22.211	ug/L	97
5) Vinyl chloride	2.381	62	162322	22.205	ug/L	95
6) Bromomethane	2.789	94	92464	22.207	ug/L	98
8) Chloroethane	2.936	64	95121	22.605	ug/L	100
9) Trichlorofluoromethane	3.265	101	127524	24.727	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	150468	23.299	ug/L	99
12) 1,1-Dichloroethene	4.045	96	142150	22.650	ug/L	91
13) Acetone	4.125	43	97413	46.455	ug/L	100
14) Carbon disulfide	4.393	76	407308	20.934	ug/L	100
15) Methyl Acetate	4.667	43	78339m	21.873	ug/L	
16) Methylene chloride	4.923	84	152830	17.444	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	150892	22.371	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	259460	22.296	ug/L #	86
19) 1,1-Dichloroethane	6.222	63	315537	22.929	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	172783	22.683	ug/L	98
22) 2-Butanone	7.167	43	119038	37.926	ug/L	98
23) Bromochloromethane	7.514	128	66640	21.191	ug/L	93
25) Chloroform	7.679	83	300389	23.322	ug/L	99

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27) 1,2-Dichloroethane	8.398	62	196586	22.469	ug/L	99
29) Cyclohexane	7.959	56	294553	22.821	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	244528	23.582	ug/L	98
31) Carbon tetrachloride	8.069	117	212722	22.751	ug/L	100
33) Benzene	8.325	78	663590	23.886	ug/L	100
34) Trichloroethene	9.093	95	170949	23.295	ug/L	94
35) Methylcyclohexane	9.337	83	299599	22.830	ug/L	99
37) 1,2-Dichloropropane	9.368	63	179740	23.928	ug/L	99
38) Bromodichloromethane	9.648	83	214175	23.187	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	283387	22.838	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	224345	43.428	ug/L	99
42) Toluene	10.386	91	683660	23.458	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	233118	22.265	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	120648	23.340	ug/L	98
46) Tetrachloroethene	10.861	164	118826	23.450	ug/L	90
48) 2-Hexanone	10.965	43	169429	44.312	ug/L	100
49) Dibromochloromethane	11.123	129	126085	21.964	ug/L	99
50) 1,2-Dibromoethane	11.233	107	112309	22.409	ug/L	98
51) Chlorobenzene	11.654	112	439084	24.059	ug/L	96
52) Ethylbenzene	11.727	91	802018	23.682	ug/L	96
53) m,p-Xylene	11.837	106	292166	22.745	ug/L	97
54) o-Xylene	12.160	106	286355	23.280	ug/L	98
55) Styrene	12.178	104	490820	23.364	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	143627	22.761	ug/L	99
59) Bromoform	12.343	173	68301	21.382	ug/L	98
60) Isopropylbenzene	12.458	105	806432	23.914	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	105343	22.475	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	669456	23.799	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	638305	23.192	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	320158	23.412	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	321414	23.535	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	287261	23.673	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	23758	20.281	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.623	180	201835	22.736	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	168754	22.334	ug/L	98
71) Naphthalene	15.360	128	341735	21.993	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	149409	24.047	ug/L	93

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

