

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
 Data File : VW026828.D
 Acq On : 23 Aug 2023 19:44
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025592

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/25/2023
 Supervised By :Semsettin Yesilyurt 08/25/2023

Quant Time: Aug 23 20:11:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 23 01:29:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	403088	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	404757	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	237944	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	137428	20.740	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.960%		
7) Chloroethane-d5	2.893	69	115494	23.439	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.760%		
11) 1,1-Dichloroethene-d2	4.027	65	75887	23.285	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	93.160%		
21) 2-Butanone-d5	7.075	46	86352	45.340	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	90.680%		
24) Chloroform-d	7.648	84	380675	28.138	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	112.560%		
26) 1,2-Dichloroethane-d4	8.307	65	210702	28.222	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	112.880%		
32) Benzene-d6	8.276	84	752626	26.980	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	107.920%		
36) 1,2-Dichloropropane-d6	9.270	67	225299	25.929	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	103.720%		
41) Toluene-d8	10.325	98	674428	28.165	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	112.640%		
43) trans-1,3-Dichloroprop...	10.575	79	93865	26.163	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	104.640%		
47) 2-Hexanone-d5	10.922	63	48324	52.927	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	105.860%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	193262	28.164	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	112.640%		
66) 1,2-Dichlorobenzene-d4	13.855	152	224795	26.395	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	105.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	149799m	27.333	ug/L	
3) Chloromethane	2.229	50	136201	18.175	ug/L	97
5) Vinyl chloride	2.375	62	148351	20.708	ug/L	97
6) Bromomethane	2.783	94	92546	22.173	ug/L	97
8) Chloroethane	2.930	64	90201	21.013	ug/L	98
9) Trichlorofluoromethane	3.265	101	145707	24.783	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	159581	25.128	ug/L	94
12) 1,1-Dichloroethene	4.058	96	146799	24.639	ug/L	92
13) Acetone	4.125	43	67689	35.745	ug/L	99
14) Carbon disulfide	4.393	76	456921	21.317	ug/L	98
15) Methyl Acetate	4.673	43	80996	21.353	ug/L	97
16) Methylene chloride	4.923	84	188833	24.218	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	164545	24.749	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	262118	26.056	ug/L	98
19) 1,1-Dichloroethane	6.216	63	341197	24.935	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	183292	25.649	ug/L	94
22) 2-Butanone	7.173	43	109374	39.192	ug/L	96
23) Bromochloromethane	7.514	128	81419	26.375	ug/L	85
25) Chloroform	7.679	83	342611	25.917	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	240707	26.101	ug/L	99
29) Cyclohexane	7.959	56	286305	22.873	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	273498	25.891	ug/L	98
31) Carbon tetrachloride	8.069	117	256245	26.530	ug/L	94
33) Benzene	8.325	78	746628	25.330	ug/L	100
34) Trichloroethene	9.093	95	187418	24.965	ug/L	96
35) Methylcyclohexane	9.337	83	320857	24.984	ug/L	97
37) 1,2-Dichloropropane	9.368	63	203230	25.172	ug/L	98
38) Bromodichloromethane	9.642	83	247415	26.123	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	301918	25.995	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	240709	45.835	ug/L	96
42) Toluene	10.386	91	798384	26.776	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	260714	26.079	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	145119	26.282	ug/L	95
46) Tetrachloroethene	10.861	164	141974	26.032	ug/L	97
48) 2-Hexanone	10.965	43	170824	47.804	ug/L	97
49) Dibromochloromethane	11.130	129	155540	26.933	ug/L	97
50) 1,2-Dibromoethane	11.233	107	130155	25.122	ug/L	99
51) Chlorobenzene	11.654	112	505448	26.836	ug/L	99
52) Ethylbenzene	11.727	91	903004	27.006	ug/L	95
53) m,p-Xylene	11.837	106	349707	28.231	ug/L	99
54) o-Xylene	12.166	106	322444	27.891	ug/L	91
55) Styrene	12.178	104	577505	28.729	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.709	83	177467	25.378	ug/L	100
59) Bromoform	12.349	173	91066	24.432	ug/L	96
60) Isopropylbenzene	12.459	105	908220	25.673	ug/L	100
61) 1,2,3-Trichloropropane	12.770	75	130100	22.541	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	748598	26.772	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	746315	27.237	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	399917	25.993	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	410912	25.592	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	361478	25.837	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.483	75	29248	21.020	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	263253	25.327	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	225172	25.551	ug/L	96
71) Naphthalene	15.361	128	422793	25.150	ug/L	99
72) 1,2,3-Trichlorobenzene	15.556	180	192042	24.160	ug/L	96

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

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