

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090123\
 Data File : VW026987.D
 Acq On : 01 Sep 2023 12:57
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025490

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/04/2023
 Supervised By : Mahesh Dadoda 09/04/2023

Quant Time: Sep 02 00:34:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 02 00:33:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	641090	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	608888	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	339617	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	223808	21.237	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.960%		
7) Chloroethane-d5	2.893	69	203168	25.925	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	103.720%		
11) 1,1-Dichloroethene-d2	4.021	65	87953	16.968	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	67.880%		
21) 2-Butanone-d5	7.075	46	105056	34.683	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	69.360%		
24) Chloroform-d	7.648	84	464096	21.569	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	86.280%		
26) 1,2-Dichloroethane-d4	8.301	65	225830	19.019	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	76.080%		
32) Benzene-d6	8.276	84	912122	21.736	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	86.960%		
36) 1,2-Dichloropropane-d6	9.270	67	275421	21.070	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	84.280%		
41) Toluene-d8	10.319	98	820078	22.766	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	91.080%		
43) trans-1,3-Dichloroprop...	10.575	79	103112	19.105	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	76.440%		
47) 2-Hexanone-d5	10.922	63	56926	41.446	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	82.900%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	230531	22.332	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	89.320%		
66) 1,2-Dichlorobenzene-d4	13.848	152	296333	24.378	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	97.520%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	188337	21.607	ug/L	99
3) Chloromethane	2.222	50	244525	20.516	ug/L	99
5) Vinyl chloride	2.369	62	317368	27.854	ug/L	99
6) Bromomethane	2.789	94	199508	30.054	ug/L	95
8) Chloroethane	2.930	64	207036	30.326	ug/L	99
9) Trichlorofluoromethane	3.259	101	195965	20.957	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	272352	26.964	ug/L #	74
12) 1,1-Dichloroethene	4.039	96	244600	25.813	ug/L	82
13) Acetone	4.118	43	126167	41.891	ug/L	92
14) Carbon disulfide	4.387	76	608216	17.841	ug/L	98
15) Methyl Acetate	4.661	43	103244m	17.113	ug/L	
16) Methylene chloride	4.917	84	321979	25.963	ug/L	85
17) trans-1,2-Dichloroethene	5.423	96	262623	24.837	ug/L	91
18) Methyl tert-butyl Ether	5.423	73	400159	25.011	ug/L	95
19) 1,1-Dichloroethane	6.216	63	520153	23.901	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	305693	26.896	ug/L	88
22) 2-Butanone	7.167	43	150938	34.007	ug/L	88
23) Bromochloromethane	7.508	128	128870	26.249	ug/L #	83
25) Chloroform	7.673	83	520654	24.764	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	314549	21.445	ug/L	98
29) Cyclohexane	7.953	56	415759	22.080	ug/L	90
30) 1,1,1-Trichloroethane	7.874	97	404379	25.447	ug/L	98
31) Carbon tetrachloride	8.069	117	352348	24.250	ug/L	94
33) Benzene	8.325	78	1139715	25.703	ug/L	100
34) Trichloroethene	9.087	95	301029	26.656	ug/L	97
35) Methylcyclohexane	9.331	83	490979	25.414	ug/L	91
37) 1,2-Dichloropropane	9.368	63	298127	24.547	ug/L #	97
38) Bromodichloromethane	9.642	83	358222	25.142	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	450316	25.773	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	299269	37.881	ug/L #	93
42) Toluene	10.386	91	1236167	27.559	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	366422	24.365	ug/L	94
45) 1,1,2-Trichloroethane	10.782	97	216277	26.038	ug/L	99
46) Tetrachloroethene	10.861	164	231428	28.208	ug/L	95
48) 2-Hexanone	10.965	43	212414	39.514	ug/L #	92
49) Dibromochloromethane	11.123	129	223969	25.780	ug/L	98
50) 1,2-Dibromoethane	11.233	107	195508	25.085	ug/L	99
51) Chlorobenzene	11.654	112	798677	28.189	ug/L	95
52) Ethylbenzene	11.727	91	1401005	27.853	ug/L	96
53) m,p-Xylene	11.837	106	543262	29.154	ug/L	90
54) o-Xylene	12.166	106	507815	29.199	ug/L	98
55) Styrene	12.178	104	883568	29.219	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	251247	23.884	ug/L	99
59) Bromoform	12.349	173	130942	24.613	ug/L	95
60) Isopropylbenzene	12.458	105	1444159	28.601	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	171521	20.821	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1175182	29.446	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	1150725	29.424	ug/L	99
64) 1,3-Dichlorobenzene	13.489	146	611499	27.847	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	647336	28.247	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	549248	27.505	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	35458	17.854	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.623	180	443997	29.927	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	379330	30.157	ug/L	99
71) Naphthalene	15.360	128	590935	24.629	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	328326	28.939	ug/L	98

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

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