

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072423\
 Data File : VW026651.D
 Acq On : 24 Jul 2023 16:18
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025568

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/25/2023
 Supervised By : Mahesh Dadoda 07/25/2023

Quant Time: Jul 25 01:56:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 25 01:52:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	596531	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	556021	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	296840	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	169486	16.844	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	67.360%		
7) Chloroethane-d5	2.893	69	140202	19.857	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.440%		
11) 1,1-Dichloroethene-d2	4.027	65	82570	17.474	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	69.880%		
21) 2-Butanone-d5	7.081	46	140133	43.092	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	86.180%		
24) Chloroform-d	7.642	84	419686	24.437	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	97.760%		
26) 1,2-Dichloroethane-d4	8.307	65	235846	24.594	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	98.360%		
32) Benzene-d6	8.270	84	813845	21.322	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	85.280%		
36) 1,2-Dichloropropane-d6	9.270	67	265081	22.586	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	90.360%		
41) Toluene-d8	10.319	98	708453	21.640	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.560%		
43) trans-1,3-Dichloroprop...	10.575	79	99640	21.185	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	84.760%		
47) 2-Hexanone-d5	10.922	63	99644	43.510	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.020%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	227622	22.902	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.600%		
66) 1,2-Dichlorobenzene-d4	13.848	152	229824	21.088	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	84.360%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	152166m	22.613	ug/L	
3) Chloromethane	2.222	50	206748	21.504	ug/L	97
5) Vinyl chloride	2.375	62	210446	20.769	ug/L	99
6) Bromomethane	2.789	94	124234	23.064	ug/L	98
8) Chloroethane	2.930	64	131516	23.212	ug/L	97
9) Trichlorofluoromethane	3.259	101	139046	18.527	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	193795	23.267	ug/L	98
12) 1,1-Dichloroethene	4.045	96	179471	22.458	ug/L	87
13) Acetone	4.137	43	79223	33.867	ug/L	97
14) Carbon disulfide	4.393	76	597414	21.326	ug/L	99
15) Methyl Acetate	4.667	43	120532	21.447	ug/L	99
16) Methylene chloride	4.923	84	227643	21.601	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	206326	24.147	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	325207	24.319	ug/L	99
19) 1,1-Dichloroethane	6.216	63	444126	25.998	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	223243	25.231	ug/L	86
22) 2-Butanone	7.179	43	149989	42.106	ug/L	99
23) Bromochloromethane	7.514	128	99931	26.367	ug/L	97
25) Chloroform	7.673	83	419979	26.832	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	297326	26.984	ug/L	99
29) Cyclohexane	7.953	56	365863	21.134	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	314269	23.060	ug/L	99
31) Carbon tetrachloride	8.069	117	282371	22.826	ug/L	99
33) Benzene	8.319	78	933261	24.360	ug/L	100
34) Trichloroethene	9.093	95	229894	23.361	ug/L	98
35) Methylcyclohexane	9.337	83	384277	21.747	ug/L	100
37) 1,2-Dichloropropane	9.367	63	261007	25.654	ug/L	99
38) Bromodichloromethane	9.642	83	299901	25.945	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	359314	24.530	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	343746	44.764	ug/L	99
42) Toluene	10.386	91	960607	24.829	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	308165	24.945	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	178164	25.090	ug/L	98
46) Tetrachloroethene	10.861	164	161878	23.170	ug/L	92
48) 2-Hexanone	10.965	43	235334	43.913	ug/L	99
49) Dibromochloromethane	11.123	129	185095	26.325	ug/L	96
50) 1,2-Dibromoethane	11.233	107	159591	23.843	ug/L	92
51) Chlorobenzene	11.654	112	593039	25.000	ug/L	97
52) Ethylbenzene	11.727	91	1076564	24.994	ug/L	98
53) m,p-Xylene	11.843	106	393737	25.126	ug/L	93
54) o-Xylene	12.160	106	373605	25.401	ug/L	93
55) Styrene	12.178	104	678885	27.364	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	225727	24.222	ug/L	95
59) Bromoform	12.349	173	103036	21.947	ug/L	97
60) Isopropylbenzene	12.458	105	1014478	22.089	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	164856	20.562	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	835998	23.732	ug/L	98
63) 1,2,4-Trimethylbenzene	13.251	105	844348	24.176	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	443035	22.989	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	455184	23.683	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	394421	23.125	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	37132	19.458	ug/L	94
69) 1,3,5-Trichlorobenzene	14.629	180	281505	22.073	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	242869	23.206	ug/L	97
71) Naphthalene	15.360	128	518186	21.864	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	232013	23.549	ug/L	98

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

