

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062323\
 Data File : VW026312.D
 Acq On : 23 Jun 2023 10:10
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025531

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/26/2023
 Supervised By : Mahesh Dadoda 06/26/2023

Quant Time: Jun 23 23:03:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 23 01:02:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	600342	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	545558	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	258166	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	157516	18.651	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.600%		
7) Chloroethane-d5	2.893	69	157320	24.884	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	99.520%		
11) 1,1-Dichloroethene-d2	4.021	65	82478	19.805	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	79.240%		
21) 2-Butanone-d5	7.075	46	162533	66.103	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	132.200%		
24) Chloroform-d	7.648	84	445013	25.313	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	101.240%		
26) 1,2-Dichloroethane-d4	8.306	65	244625	25.447	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.800%		
32) Benzene-d6	8.276	84	820847	22.360	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	89.440%		
36) 1,2-Dichloropropane-d6	9.276	67	284835	24.491	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	97.960%		
41) Toluene-d8	10.324	98	683288	20.988	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.960%		
43) trans-1,3-Dichloroprop...	10.580	79	99605	21.613	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	86.440%		
47) 2-Hexanone-d5	10.922	63	109141	59.516	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	119.040%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	249158	29.441	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	117.760%		
66) 1,2-Dichlorobenzene-d4	13.854	152	232309	23.510	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.040%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	172619m	23.455	ug/L	
3) Chloromethane	2.222	50	222816	23.612	ug/L	100
5) Vinyl chloride	2.374	62	251532	24.937	ug/L	98
6) Bromomethane	2.789	94	136063	24.744	ug/L	97
8) Chloroethane	2.935	64	156260	28.668	ug/L	96
9) Trichlorofluoromethane	3.265	101	192395	29.648	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	212078	25.900	ug/L	98
12) 1,1-Dichloroethene	4.045	96	186146	24.353	ug/L	82
13) Acetone	4.118	43	114381	60.120	ug/L	100
14) Carbon disulfide	4.392	76	549096	20.350	ug/L	98
15) Methyl Acetate	4.667	43	111679	26.154	ug/L	99
16) Methylene chloride	4.923	84	254640	26.575	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	196947	22.965	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	326456	24.153	ug/L	99
19) 1,1-Dichloroethane	6.215	63	439691	25.184	ug/L	98
20) cis-1,2-Dichloroethene	7.172	96	223786	24.635	ug/L	97
22) 2-Butanone	7.166	43	157122	57.894	ug/L	98
23) Bromochloromethane	7.514	128	96148	24.818	ug/L	93
25) Chloroform	7.678	83	416664	25.623	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	287924	25.672	ug/L	98
29) Cyclohexane	7.959	56	365656	21.710	ug/L	99
30) 1,1,1-Trichloroethane	7.873	97	325207	24.564	ug/L	98
31) Carbon tetrachloride	8.075	117	294291	24.359	ug/L	97
33) Benzene	8.325	78	910281	24.357	ug/L	100
34) Trichloroethene	9.093	95	222887	23.291	ug/L	98
35) Methylcyclohexane	9.337	83	372043	21.971	ug/L	98
37) 1,2-Dichloropropane	9.367	63	254749	25.166	ug/L	100
38) Bromodichloromethane	9.648	83	294687	25.058	ug/L	99
39) cis-1,3-Dichloropropene	10.074	75	355723	23.913	ug/L	98
40) 4-Methyl-2-pentanone	10.208	43	322585	54.053	ug/L	98
42) Toluene	10.385	91	934413	24.445	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	304555	24.575	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	169937	25.473	ug/L	97
46) Tetrachloroethene	10.861	164	157227	23.228	ug/L	94
48) 2-Hexanone	10.964	43	227368	54.033	ug/L	99
49) Dibromochloromethane	11.123	129	177706	25.406	ug/L	92
50) 1,2-Dibromoethane	11.233	107	150936	24.434	ug/L	92
51) Chlorobenzene	11.659	112	574108	23.968	ug/L	96
52) Ethylbenzene	11.726	91	1053297	24.427	ug/L	100
53) m,p-Xylene	11.836	106	385378	24.024	ug/L	98
54) o-Xylene	12.165	106	363487	24.008	ug/L	98
55) Styrene	12.178	104	651744	25.091	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	211249	26.165	ug/L	95
59) Bromoform	12.348	173	95030	24.508	ug/L	98
60) Isopropylbenzene	12.464	105	1034264	25.502	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	156247	27.019	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	824526	25.575	ug/L	98
63) 1,2,4-Trimethylbenzene	13.244	105	722820	24.478	ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	418793	24.559	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	424901	24.750	ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	373661	24.402	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	33381	24.915	ug/L	89
69) 1,3,5-Trichlorobenzene	14.622	180	265136	22.635	ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	218139	22.569	ug/L	98
71) Naphthalene	15.360	128	426270	24.745	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	202058	23.920	ug/L	98

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

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