

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
 Data File : VW022494.D
 Acq On : 11 Apr 2022 19:46
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025481

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/12/2022
 Supervised By : Mahesh Dadoda 04/12/2022

Quant Time: Apr 12 00:01:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Apr 11 23:55:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	383910	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	373977	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	209664	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	139052	16.384	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	65.520%		
7) Chloroethane-d5	2.885	69	97617	18.352	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	73.400%		
11) 1,1-Dichloroethene-d2	4.026	63	217259	19.737	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	78.960%		
21) 2-Butanone-d5	7.080	46	80059	54.031	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	108.060%		
24) Chloroform-d	7.647	84	290193	24.183	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	96.720%		
26) 1,2-Dichloroethane-d4	8.305	65	158139	23.065	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.280%		
32) Benzene-d6	8.275	84	502080	21.974	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.880%		
36) 1,2-Dichloropropane-d6	9.275	67	154457	23.360	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	93.440%		
41) Toluene-d8	10.323	98	484359	21.645	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.560%		
43) trans-1,3-Dichloroprop...	10.579	79	70489	22.589	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	90.360%		
47) 2-Hexanone-d5	10.921	63	69970	56.877	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	113.760%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	151790	26.998	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	108.000%		
66) 1,2-Dichlorobenzene-d4	13.853	152	195619	26.341	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	105.360%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	37094	19.711	ug/L	95
3) Chloromethane	2.221	50	92959	19.812	ug/L	100
5) Vinyl chloride	2.361	62	198601	20.285	ug/L	95
6) Bromomethane	2.782	94	115001	19.322	ug/L	96
8) Chloroethane	2.922	64	91800	21.417	ug/L	96
9) Trichlorofluoromethane	3.257	101	90235	24.964	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	141535	24.590	ug/L	95
12) 1,1-Dichloroethene	4.038	96	130496	25.245	ug/L	96
13) Acetone	4.129	43	44954	44.559	ug/L	92
14) Carbon disulfide	4.385	76	364371	21.427	ug/L	99
15) Methyl Acetate	4.672	43	57910	22.874	ug/L	93
16) Methylene chloride	4.910	84	139736m	24.189	ug/L	
17) trans-1,2-Dichloroethene	5.422	96	146751	24.235	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	250311	25.311	ug/L	96
19) 1,1-Dichloroethane	6.220	63	261260	23.646	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	162620	25.428	ug/L #	88
22) 2-Butanone	7.171	43	72669	47.692	ug/L	94
23) Bromochloromethane	7.519	128	74469	27.056	ug/L	88
25) Chloroform	7.671	83	288732	24.811	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	193154	23.615	ug/L	96
29) Cyclohexane	7.958	56	226216	21.135	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	244438	23.563	ug/L	97
31) Carbon tetrachloride	8.067	117	226180	24.292	ug/L	100
33) Benzene	8.324	78	587518	23.139	ug/L	100
34) Trichloroethene	9.086	95	163611	24.066	ug/L	92
35) Methylcyclohexane	9.336	83	260912	21.391	ug/L	96
37) 1,2-Dichloropropane	9.366	63	144764	23.799	ug/L	99
38) Bromodichloromethane	9.646	83	214489	24.521	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	237077	24.562	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	183973	49.560	ug/L	96
42) Toluene	10.384	91	693953	23.851	ug/L	94
44) trans-1,3-Dichloropropene	10.604	75	210021	24.301	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	119706	25.786	ug/L	96
46) Tetrachloroethene	10.860	164	125236	25.061	ug/L	93
48) 2-Hexanone	10.969	43	128566	49.092	ug/L	98
49) Dibromochloromethane	11.128	129	150764	27.231	ug/L	99
50) 1,2-Dibromoethane	11.232	107	122339	26.688	ug/L #	96
51) Chlorobenzene	11.658	112	443161	24.925	ug/L	97
52) Ethylbenzene	11.731	91	778042	23.858	ug/L	96
53) m,p-Xylene	11.835	106	308134	24.850	ug/L	91
54) o-Xylene	12.164	106	294147	24.824	ug/L	100
55) Styrene	12.176	104	511012	25.241	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	144812	25.415	ug/L	99
59) Bromoform	12.347	173	78898	25.324	ug/L	99
60) Isopropylbenzene	12.463	105	813598	23.360	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	106521	23.884	ug/L	97
62) 1,3,5-Trimethylbenzene	12.939	105	466175	24.338	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	695389	23.874	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	353432	25.004	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	352578	25.011	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	320527	25.356	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	24064	23.264	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.621	180	237946	25.801	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	197679	25.522	ug/L	97
71) Naphthalene	15.359	128	430381	26.345	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	172097	25.994	ug/L	99

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

Manual Integrations

Reviewed By :Semsettin Yesilyurt 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

TIC: VW022494.D\data.ms

Abundance

Time-->

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

2000000

1900000

1800000

1700000

1600000

1500000

1400000

1300000

1200000

1100000

1000000

900000

800000

700000

600000

500000

400000

300000

200000

100000

0

Dichlorodifluoromethane, T

Chloromethane, T

Vinyl Chloride, T

Bromomethane, T

Chloroethane, T

Trichlorofluoromethane, T

Acetone, T

1,1-Dichloroethane, T

Carbon disulfide, T

Methyl Acetate, T

Methylene chloride, T

trans-1,2-Dichloroethene, T

1,1-Dichloroethane, T

1,1-Dichloroethane, T

2-Butanone-d5, S

Bromochloromethane, T

Chloroform-d3, T

1,1,1-Trichloroethane, T

Carbon tetrachloride, T

1,2-Dichloroethane, T

1,2-Dichloroethane, T

1,4-Difluorobenzene, T

Trichloroethene, T

1,2-Dichloropropane, T

Methylcyclohexane, T

Bromodichloromethane, T

cis-1,3-Dichloropropene, T

4-Methyl-2-pentanone, T

Toluene-d8, S

trans-1,3-Dichloropropene, T

1,1,2-Trichloroethane, T

2-Hexanone-d5, S

Dibromochloromethane, T

1,2-Dibromochloroethane, T

Chlorobenzene-d5, T

Ethylbenzene, T

m,p-Xylene, T

o-Xylene, T

Bromobenzene, T

Isopropylbenzene

1,3,5-Trimethylbenzene

1,2,4-Trimethylbenzene

1,3-Dichlorobenzene-d4, T

1,2,3-Trichlorobenzene-d4, S

1,2,4-Trichlorobenzene-d4, S

1,3,5-Trichlorobenzene

1,2-Dibromo-3-chloropropane, T

1,2,4-trichlorobenzene, T

Naphthalene

1,2,3-Trichlorobenzene, T