

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090922\
 Data File : VW024589.D
 Acq On : 09 Sep 2022 08:37
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025566

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/12/2022
 Supervised By : Mahesh Dadoda 09/12/2022

Quant Time: Sep 10 00:29:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 08 22:22:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.835	114	290102	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	299964	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	167440	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	155526	25.967	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.880%			
7) Chloroethane-d5	2.879	69	121264	27.229	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.920%			
11) 1,1-Dichloroethene-d2	4.013	63	135936	21.512	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 86.040%			
21) 2-Butanone-d5	7.080	46	40419m	41.832	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.660%			
24) Chloroform-d	7.647	84	175389	23.738	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.960%			
26) 1,2-Dichloroethane-d4	8.305	65	101174	24.287	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.160%			
32) Benzene-d6	8.268	84	349042	23.656	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.640%			
36) 1,2-Dichloropropane-d6	9.268	67	99506	22.873	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 91.480%			
41) Toluene-d8	10.323	98	360650	25.072	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.280%			
43) trans-1,3-Dichloroprop...	10.579	79	45685	23.433	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.720%			
47) 2-Hexanone-d5	10.920	63	36918	46.168	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.340%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	104273	25.008	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 100.040%			
66) 1,2-Dichlorobenzene-d4	13.853	152	133953	25.258	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	29918	21.533	ug/L	99
3) Chloromethane	2.215	50	113721	26.318	ug/L	97
5) Vinyl chloride	2.355	62	195971	26.901	ug/L	100
6) Bromomethane	2.769	94	131877	27.770	ug/L	95
8) Chloroethane	2.916	64	110645	27.918	ug/L	93
9) Trichlorofluoromethane	3.245	101	127646	30.308	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	82258	21.199	ug/L #	83
12) 1,1-Dichloroethene	4.025	96	70297	21.195	ug/L	95
13) Acetone	4.123	43	28729	34.946	ug/L	96
14) Carbon disulfide	4.373	76	177296	20.203	ug/L	100
15) Methyl Acetate	4.665	43	34346	19.766	ug/L	99
16) Methylene chloride	4.903	84	82236	18.997	ug/L	94
17) trans-1,2-Dichloroethene	5.421	96	85608	22.533	ug/L	97
18) Methyl tert-butyl Ether	5.421	73	147671	21.826	ug/L	99
19) 1,1-Dichloroethane	6.208	63	165502	23.943	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	99983	23.455	ug/L	99
22) 2-Butanone	7.165	43	55164	41.484	ug/L	94
23) Bromochloromethane	7.513	128	44486	22.795	ug/L	92
25) Chloroform	7.671	83	188237	24.515	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	135106	26.177	ug/L	100
29) Cyclohexane	7.945	56	141917	24.438	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	157758	23.981	ug/L	99
31) Carbon tetrachloride	8.067	117	142970	23.795	ug/L	98
33) Benzene	8.317	78	439694	25.826	ug/L	100
34) Trichloroethene	9.091	95	109599	24.648	ug/L	97
35) Methylcyclohexane	9.329	83	177003	24.881	ug/L	98
37) 1,2-Dichloropropane	9.366	63	107767	25.345	ug/L	100
38) Bromodichloromethane	9.640	83	152672	25.405	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	164660	26.485	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	133580	47.624	ug/L	99
42) Toluene	10.384	91	522346	27.830	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	154914	26.380	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	89947	25.311	ug/L	99
46) Tetrachloroethene	10.859	164	86938	26.535	ug/L	88
48) 2-Hexanone	10.969	43	96465	50.151	ug/L	99
49) Dibromochloromethane	11.122	129	111249	26.779	ug/L	93
50) 1,2-Dibromoethane	11.231	107	85917	24.911	ug/L	97
51) Chlorobenzene	11.652	112	346036	26.686	ug/L	95
52) Ethylbenzene	11.731	91	605207	28.400	ug/L	95
53) m,p-Xylene	11.835	106	241174	28.967	ug/L	88
54) o-Xylene	12.164	106	231009	29.143	ug/L	98
55) Styrene	12.176	104	408383	29.268	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	120260	26.731	ug/L	99
59) Bromoform	12.347	173	62338	25.613	ug/L	97
60) Isopropylbenzene	12.463	105	644671	28.436	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	82211	23.732	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	541998	28.790	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	540387	28.841	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	277935	27.209	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	285389	26.506	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	261122	27.412	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	17625	21.504	ug/L	96
69) 1,3,5-Trichlorobenzene	14.621	180	178768	26.944	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	138066	26.225	ug/L	99
71) Naphthalene	15.359	128	284975	24.466	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	125755	25.675	ug/L	96

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

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