

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070822\
 Data File : VW023586.D
 Acq On : 08 Jul 2022 09:24
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025592

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/09/2022
 Supervised By :Mahesh Dadoda 07/11/2022

Quant Time: Jul 08 23:14:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 08 01:46:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	323175	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	319489	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	172797	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	132560	22.660	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.640%		
7) Chloroethane-d5	2.879	69	82564	24.677	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.720%		
11) 1,1-Dichloroethene-d2	4.019	63	165632	25.113	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	100.440%		
21) 2-Butanone-d5	7.074	46	52588	43.288	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	86.580%		
24) Chloroform-d	7.647	84	215628	23.425	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	93.680%		
26) 1,2-Dichloroethane-d4	8.305	65	116346	22.362	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	89.440%		
32) Benzene-d6	8.275	84	408204	23.092	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	92.360%		
36) 1,2-Dichloropropane-d6	9.274	67	117031	22.613	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	90.440%		
41) Toluene-d8	10.323	98	390519	22.791	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	91.160%		
43) trans-1,3-Dichloroprop...	10.573	79	51986	22.503	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	90.000%		
47) 2-Hexanone-d5	10.920	63	44776	44.236	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	88.480%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	114777	22.354	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	89.400%		
66) 1,2-Dichlorobenzene-d4	13.853	152	142729	22.894	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.560%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	31335m	16.210	ug/L	
3) Chloromethane	2.215	50	94394	21.086	ug/L	97
5) Vinyl chloride	2.361	62	179637	24.684	ug/L	99
6) Bromomethane	2.776	94	97373	23.177	ug/L	99
8) Chloroethane	2.916	64	70427	25.615	ug/L	90
9) Trichlorofluoromethane	3.251	101	65389	22.522	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	115707	25.104	ug/L #	87
12) 1,1-Dichloroethene	4.038	96	101148	26.320	ug/L	89
13) Acetone	4.123	43	41028	45.824	ug/L	99
14) Carbon disulfide	4.379	76	286370	25.028	ug/L	99
15) Methyl Acetate	4.665	43	48756	23.200	ug/L	98
16) Methylene chloride	4.915	84	114080	20.815	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	114072	24.660	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	171587	25.124	ug/L	100
19) 1,1-Dichloroethane	6.214	63	202352	24.938	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	126864	25.040	ug/L	97
22) 2-Butanone	7.171	43	69187	43.066	ug/L	97
23) Bromochloromethane	7.513	128	60578	24.029	ug/L	96
25) Chloroform	7.671	83	226822	24.610	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	149586	23.982	ug/L	98
29) Cyclohexane	7.951	56	171420	25.792	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	192662	25.364	ug/L	100
31) Carbon tetrachloride	8.067	117	179313	25.481	ug/L	99
33) Benzene	8.323	78	481817	24.017	ug/L	100
34) Trichloroethene	9.091	95	126576	24.208	ug/L	96
35) Methylcyclohexane	9.335	83	212935	25.314	ug/L	99
37) 1,2-Dichloropropane	9.366	63	116324	23.984	ug/L	100
38) Bromodichloromethane	9.646	83	167611	24.476	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	186912	25.265	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	150382	46.573	ug/L	98
42) Toluene	10.384	91	554325	25.324	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	170590	25.008	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	97813	23.429	ug/L	97
46) Tetrachloroethene	10.859	164	100764	24.517	ug/L	96
48) 2-Hexanone	10.963	43	104273	45.581	ug/L	99
49) Dibromochloromethane	11.128	129	121693	24.486	ug/L	97
50) 1,2-Dibromoethane	11.231	107	96541	23.424	ug/L #	95
51) Chlorobenzene	11.652	112	364760	24.476	ug/L	99
52) Ethylbenzene	11.725	91	608244	24.611	ug/L	98
53) m,p-Xylene	11.835	106	244297	25.481	ug/L	98
54) o-Xylene	12.164	106	235295	25.627	ug/L	97
55) Styrene	12.176	104	419185	26.254	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	124649	23.205	ug/L	95
59) Bromoform	12.347	173	66966	23.168	ug/L	99
60) Isopropylbenzene	12.463	105	640373	25.643	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	88515	22.534	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	543876	26.262	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	548359	26.470	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	286010	24.212	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	296178	24.721	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	272486	25.014	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	19122	20.657	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	192790	25.153	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	152061	24.553	ug/L	100
71) Naphthalene	15.359	128	317987	23.787	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	136480	23.774	ug/L	98

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

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