

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050422\
 Data File : VW022829.D
 Acq On : 05 May 2022 03:03
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025515

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/05/2022
 Supervised By : Mahesh Dadoda 05/09/2022

Quant Time: May 05 04:33:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 05 02:23:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	285567	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	284932	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	161777	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	129537	22.110	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.440%		
7) Chloroethane-d5	2.885	69	95998	25.186	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	100.760%		
11) 1,1-Dichloroethene-d2	4.025	63	159452	21.063	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	84.240%		
21) 2-Butanone-d5	7.080	46	58114	52.169	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	104.340%		
24) Chloroform-d	7.647	84	211622	25.294	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	101.160%		
26) 1,2-Dichloroethane-d4	8.305	65	115256	25.118	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.480%		
32) Benzene-d6	8.275	84	398129	24.242	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	96.960%		
36) 1,2-Dichloropropane-d6	9.274	67	115564	25.050	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.200%		
41) Toluene-d8	10.323	98	378115	23.833	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	95.320%		
43) trans-1,3-Dichloroprop...	10.579	79	48129	22.658	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	90.640%		
47) 2-Hexanone-d5	10.920	63	47953	54.450	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	108.900%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	117360	27.293	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	109.160%		
66) 1,2-Dichlorobenzene-d4	13.853	152	135114	23.892	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	95.560%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	40857	26.246	ug/L	92
3) Chloromethane	2.221	50	73881	24.560	ug/L	98
5) Vinyl chloride	2.361	62	147785	24.479	ug/L	100
6) Bromomethane	2.776	94	96597	24.921	ug/L	91
8) Chloroethane	2.922	64	77709	26.687	ug/L	96
9) Trichlorofluoromethane	3.257	101	53199	19.280	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	96342	23.351	ug/L	95
12) 1,1-Dichloroethene	4.038	96	84725	23.165	ug/L	92
13) Acetone	4.117	43	35992m	43.156	ug/L	
14) Carbon disulfide	4.385	76	208589	20.802	ug/L	99
15) Methyl Acetate	4.672	43	45727	27.291	ug/L	95
16) Methylene chloride	4.915	84	115007	27.523	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	97440	23.674	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	166608	26.517	ug/L	99
19) 1,1-Dichloroethane	6.214	63	179236	25.694	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	113778	25.737	ug/L #	96
22) 2-Butanone	7.171	43	57421	49.232	ug/L	100
23) Bromochloromethane	7.519	128	51885	25.061	ug/L	94
25) Chloroform	7.677	83	203838	26.426	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	140210	27.269	ug/L	100
29) Cyclohexane	7.958	56	139607	22.655	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	165506	24.580	ug/L	98
31) Carbon tetrachloride	8.073	117	148513	23.578	ug/L	100
33) Benzene	8.323	78	425181	25.330	ug/L	100
34) Trichloroethene	9.092	95	109588	23.740	ug/L	95
35) Methylcyclohexane	9.335	83	171416	22.604	ug/L	97
37) 1,2-Dichloropropane	9.366	63	106835	26.301	ug/L	99
38) Bromodichloromethane	9.646	83	154149	26.718	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	162180	25.749	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	135197	52.805	ug/L	98
42) Toluene	10.384	91	490038	26.050	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	145077	25.806	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	92287	27.178	ug/L	96
46) Tetrachloroethene	10.860	164	78688	22.682	ug/L	90
48) 2-Hexanone	10.969	43	93804	54.835	ug/L	98
49) Dibromochloromethane	11.128	129	106912	26.160	ug/L	98
50) 1,2-Dibromoethane	11.231	107	87152	25.560	ug/L	96
51) Chlorobenzene	11.658	112	317052	25.565	ug/L	96
52) Ethylbenzene	11.725	91	530359	25.342	ug/L	100
53) m,p-Xylene	11.835	106	212887	25.817	ug/L	96
54) o-Xylene	12.164	106	206795	26.133	ug/L	97
55) Styrene	12.176	104	369518	27.481	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	116604	27.492	ug/L	98
59) Bromoform	12.347	173	57614	25.130	ug/L	98
60) Isopropylbenzene	12.463	105	566557	25.564	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	85140	26.339	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	310817	25.208	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	476418	25.733	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	248389	25.102	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	250004	24.461	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	237674	26.249	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	18286	25.884	ug/L	91
69) 1,3,5-Trichlorobenzene	14.621	180	153648	23.393	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	125017	23.662	ug/L	95
71) Naphthalene	15.365	128	318411	27.727	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	121381	25.921	ug/L	98

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

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