

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052022\
 Data File : VW023186.D
 Acq On : 20 May 2022 09:30
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025543

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/22/2022
 Supervised By : Mahesh Dadoda 05/25/2022

Quant Time: May 20 22:55:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 20 01:47:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	376407	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	363436	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	206964	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	140916	18.247	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	73.000%		
7) Chloroethane-d5	2.885	69	97495	19.405	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.640%		
11) 1,1-Dichloroethene-d2	4.019	63	205949	20.639	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	82.560%		
21) 2-Butanone-d5	7.074	46	54415	37.060	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	74.120%		
24) Chloroform-d	7.647	84	246512	22.354	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	89.400%		
26) 1,2-Dichloroethane-d4	8.305	65	128145	21.187	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	84.760%		
32) Benzene-d6	8.275	84	477877	22.812	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	91.240%		
36) 1,2-Dichloropropane-d6	9.275	67	135441	23.017	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	92.080%		
41) Toluene-d8	10.323	98	461874	22.824	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	91.280%		
43) trans-1,3-Dichloroprop...	10.573	79	57637	21.273	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	85.080%		
47) 2-Hexanone-d5	10.921	63	45017	40.075	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	80.140%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	116348	21.213	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	84.840%		
66) 1,2-Dichlorobenzene-d4	13.853	152	168218	23.251	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	70146	34.186	ug/L	96
3) Chloromethane	2.215	50	118035	29.768	ug/L	99
5) Vinyl chloride	2.361	62	179940	22.612	ug/L	97
6) Bromomethane	2.776	94	105983	20.743	ug/L	89
8) Chloroethane	2.922	64	87864	22.893	ug/L	99
9) Trichlorofluoromethane	3.257	101	87461	24.047	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	136740	25.144	ug/L	97
12) 1,1-Dichloroethene	4.044	96	116478	24.161	ug/L	85
13) Acetone	4.117	43	37897m	34.474	ug/L	
14) Carbon disulfide	4.379	76	318435	24.093	ug/L	99
15) Methyl Acetate	4.672	43	46553	21.079	ug/L	100
16) Methylene chloride	4.916	84	131567	23.887	ug/L	99
17) trans-1,2-Dichloroethene	5.422	96	134301	24.755	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	200292	24.184	ug/L	99
19) 1,1-Dichloroethane	6.214	63	225532	24.528	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	145666	24.998	ug/L #	98
22) 2-Butanone	7.171	43	59810	38.904	ug/L	98
23) Bromochloromethane	7.519	128	66811	24.482	ug/L	90
25) Chloroform	7.677	83	254604	25.042	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	161904	23.889	ug/L	100
29) Cyclohexane	7.952	56	209833	26.696	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	216827	25.246	ug/L	99
31) Carbon tetrachloride	8.061	117	198354	24.689	ug/L	99
33) Benzene	8.324	78	545703	25.488	ug/L	100
34) Trichloroethene	9.092	95	149177	25.335	ug/L	96
35) Methylcyclohexane	9.336	83	257373	26.608	ug/L	99
37) 1,2-Dichloropropane	9.366	63	126463	24.408	ug/L	99
38) Bromodichloromethane	9.646	83	174668	23.735	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	199563	24.840	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	143980	44.089	ug/L	99
42) Toluene	10.384	91	627848	26.167	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	177281	24.723	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	103773	23.959	ug/L	96
46) Tetrachloroethene	10.860	164	118165	26.704	ug/L	86
48) 2-Hexanone	10.963	43	97085	44.494	ug/L	97
49) Dibromochloromethane	11.128	129	124551	23.893	ug/L	98
50) 1,2-Dibromoethane	11.232	107	102064	23.468	ug/L	99
51) Chlorobenzene	11.652	112	405025	25.605	ug/L	99
52) Ethylbenzene	11.731	91	695134	26.041	ug/L	99
53) m,p-Xylene	11.835	106	277384	26.372	ug/L	98
54) o-Xylene	12.164	106	265537	26.308	ug/L	97
55) Styrene	12.183	104	454082	26.476	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	124647	23.041	ug/L	96
59) Bromoform	12.347	173	62069	21.162	ug/L	99
60) Isopropylbenzene	12.463	105	734255	25.897	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	88792	21.472	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	394900	25.035	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	604683	25.530	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	315791	24.946	ug/L	96
65) 1,4-Dichlorobenzene	13.573	146	313641	23.987	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	288279	24.886	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	17307	19.150	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.621	180	215683	25.668	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	171278	25.340	ug/L	99
71) Naphthalene	15.359	128	328467	22.358	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	153717	25.659	ug/L	98

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

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