

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022322\
 Data File : VW022127.D
 Acq On : 23 Feb 2022 23:02
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025564

Quant Time: Feb 24 03:37:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 24 03:35:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	148104	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	139015	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	71357	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	52516	27.186	ug/L	0.00
Spiked Amount 25.000	Range	30 - 150	Recovery	= 108.760%		
7) Chloroethane-d5	2.879	69	37654	24.774	ug/L	0.00
Spiked Amount 25.000	Range	30 - 150	Recovery	= 99.080%		
11) 1,1-Dichloroethene-d2	4.019	63	70902	23.968	ug/L	0.00
Spiked Amount 25.000	Range	45 - 110	Recovery	= 95.880%		
21) 2-Butanone-d5	7.079	46	22709	69.918	ug/L	0.00
Spiked Amount 50.000	Range	20 - 135	Recovery	= 139.840%#		
24) Chloroform-d	7.646	84	83707	25.332	ug/L	0.00
Spiked Amount 25.000	Range	40 - 150	Recovery	= 101.320%		
26) 1,2-Dichloroethane-d4	8.305	65	44974	26.183	ug/L	0.00
Spiked Amount 25.000	Range	70 - 130	Recovery	= 104.720%		
32) Benzene-d6	8.274	84	162536	25.122	ug/L	0.00
Spiked Amount 25.000	Range	20 - 135	Recovery	= 100.480%		
36) 1,2-Dichloropropane-d6	9.274	67	44950	25.018	ug/L	0.00
Spiked Amount 25.000	Range	70 - 120	Recovery	= 100.080%		
41) Toluene-d8	10.323	98	162778	25.307	ug/L	0.00
Spiked Amount 25.000	Range	30 - 130	Recovery	= 101.240%		
43) trans-1,3-Dichloroprop...	10.573	79	19914	24.997	ug/L	0.00
Spiked Amount 25.000	Range	30 - 135	Recovery	= 100.000%		
47) 2-Hexanone-d5	10.920	63	21230	71.842	ug/L	0.00
Spiked Amount 50.000	Range	20 - 135	Recovery	= 143.680%#		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	46594	29.549	ug/L	0.00
Spiked Amount 25.000	Range	45 - 120	Recovery	= 118.200%		
66) 1,2-Dichlorobenzene-d4	13.853	152	60308	26.313	ug/L	0.00
Spiked Amount 25.000	Range	75 - 120	Recovery	= 105.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	11839	28.603	ug/L	94
3) Chloromethane	2.214	50	33268	23.456	ug/L	97
5) Vinyl chloride	2.361	62	51639	24.231	ug/L	100
6) Bromomethane	2.775	94	31501	21.165	ug/L	93
8) Chloroethane	2.916	64	26864	22.440	ug/L	99
9) Trichlorofluoromethane	3.251	101	28966	20.020	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	41547	23.536	ug/L	95
12) 1,1-Dichloroethene	4.037	96	34903	22.814	ug/L	88
13) Acetone	4.123	43	14152	53.349	ug/L	94
14) Carbon disulfide	4.385	76	85454	21.544	ug/L	100
15) Methyl Acetate	4.671	43	17583	29.442	ug/L	97
16) Methylene chloride	4.915	84	38819	21.354	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	38324	22.807	ug/L	98
18) Methyl tert-butyl Ether	5.421	73	59924	26.211	ug/L	99
19) 1,1-Dichloroethane	6.214	63	63740	23.430	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	42847	23.538	ug/L	100
22) 2-Butanone	7.171	43	22760	59.727	ug/L	97
23) Bromochloromethane	7.512	128	22007	24.748	ug/L	99
25) Chloroform	7.677	83	75608	23.820	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	48144	24.625	ug/L	100
29) Cyclohexane	7.951	56	57470	24.841	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	66153	23.653	ug/L	99
31) Carbon tetrachloride	8.067	117	63895	24.038	ug/L	98
33) Benzene	8.323	78	156224	23.244	ug/L	100
34) Trichloroethene	9.091	95	44042	22.886	ug/L	97
35) Methylcyclohexane	9.329	83	73102	24.559	ug/L	99
37) 1,2-Dichloropropane	9.366	63	36532	23.299	ug/L	99
38) Bromodichloromethane	9.646	83	53362	23.732	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	57971	24.323	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	51684	61.038	ug/L	99
42) Toluene	10.390	91	179821	23.639	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	52600	24.559	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	33846	24.343	ug/L	93
46) Tetrachloroethene	10.859	164	38286	22.711	ug/L	87
48) 2-Hexanone	10.963	43	37392	63.625	ug/L	97
49) Dibromochloromethane	11.128	129	41729	24.708	ug/L	97
50) 1,2-Dibromoethane	11.231	107	34001	25.353	ug/L	99
51) Chlorobenzene	11.652	112	119822	22.633	ug/L	97
52) Ethylbenzene	11.731	91	200098	23.768	ug/L	99
53) m,p-Xylene	11.841	106	80319	23.186	ug/L	99
54) o-Xylene	12.164	106	77343	23.729	ug/L	94
55) Styrene	12.176	104	130409	23.866	ug/L	88
57) 1,1,2,2-Tetrachloroethane	12.713	83	43574	27.010	ug/L	96
59) Bromoform	12.347	173	25151	26.653	ug/L #	97
60) Isopropylbenzene	12.463	105	216725	25.301	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	32322	28.699	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	146981	25.804	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	182090	26.158	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	95741	22.531	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	98360	23.099	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	93002	24.617	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	7195	30.220	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.627	180	68832	22.568	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	55701	24.137	ug/L	98
71) Naphthalene	15.365	128	117674	28.886	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	47962	24.029	ug/L	99

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

