

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022222\
 Data File : VW022091.D
 Acq On : 22 Feb 2022 09:21
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025560

Quant Time: Feb 23 04:32:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 22 00:39:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	151284	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	145337	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	78645	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	40073	21.991	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.960%
7) Chloroethane-d5	2.885	69	33736	24.047	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	4.019	63	72264	22.445	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.800%
21) 2-Butanone-d5	7.080	46	16596	51.346	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.700%
24) Chloroform-d	7.647	84	88152	25.045	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	8.305	65	43454	24.815	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.240%
32) Benzene-d6	8.275	84	164989	22.464	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.840%
36) 1,2-Dichloropropane-d6	9.274	67	46010	23.031	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.120%
41) Toluene-d8	10.323	98	161816	22.230	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.920%
43) trans-1,3-Dichloroprop...	10.579	79	19746	22.568	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.280%
47) 2-Hexanone-d5	10.927	63	15535	53.487	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.980%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	40290	24.728	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.920%
66) 1,2-Dichlorobenzene-d4	13.847	152	62339	21.973	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	11833	33.580	ug/L	94
3) Chloromethane	2.215	50	41019	25.800	ug/L	98
5) Vinyl chloride	2.361	62	59184	25.918	ug/L	100
6) Bromomethane	2.776	94	42803	22.044	ug/L	97
8) Chloroethane	2.922	64	32080	27.339	ug/L	100
9) Trichlorofluoromethane	3.263	101	45981	26.673	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	48315	26.453	ug/L #	74
12) 1,1-Dichloroethene	4.038	96	42288	25.088	ug/L	94
13) Acetone	4.141	43	14946	49.512	ug/L	100
14) Carbon disulfide	4.379	76	113173	23.019	ug/L	99
15) Methyl Acetate	4.672	43	14100	25.543	ug/L #	89
16) Methylene chloride	4.909	84	44635	25.320	ug/L	98
17) trans-1,2-Dichloroethene	5.422	96	47926	25.498	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	62501	25.933	ug/L	99
19) 1,1-Dichloroethane	6.220	63	78221	26.860	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	50357	26.108	ug/L	99
22) 2-Butanone	7.177	43	20677	52.905	ug/L	99
23) Bromochloromethane	7.519	128	24365	25.654	ug/L	87
25) Chloroform	7.677	83	90943	27.589	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	53816	27.735	ug/L #	94
29) Cyclohexane	7.958	56	67959	23.821	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	79141	24.606	ug/L	98
31) Carbon tetrachloride	8.067	117	79413	25.225	ug/L	100
33) Benzene	8.323	78	187304	24.580	ug/L	100
34) Trichloroethene	9.092	95	53317	24.610	ug/L	91
35) Methylcyclohexane	9.335	83	87467	23.930	ug/L	99
37) 1,2-Dichloropropane	9.366	63	43675	26.096	ug/L	99
38) Bromodichloromethane	9.646	83	63772	26.682	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	70872	26.402	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	43390	52.841	ug/L	97
42) Toluene	10.384	91	219664	25.431	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	63591	27.480	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	36815	25.880	ug/L	95
46) Tetrachloroethene	10.860	164	47517	23.530	ug/L	93
48) 2-Hexanone	10.969	43	34075	55.752	ug/L	95
49) Dibromochloromethane	11.128	129	47100	26.294	ug/L	99
50) 1,2-Dibromoethane	11.231	107	35985	25.550	ug/L	97
51) Chlorobenzene	11.658	112	148699	25.295	ug/L	95
52) Ethylbenzene	11.731	91	247168	25.935	ug/L	99
53) m,p-Xylene	11.835	106	100429	25.398	ug/L	93
54) o-Xylene	12.164	106	95435	25.801	ug/L	89
55) Styrene	12.176	104	160417	26.849	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	42489	27.441	ug/L	98
59) Bromoform	12.347	173	26662	25.669	ug/L #	94
60) Isopropylbenzene	12.463	105	256988	25.011	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	30371	26.509	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	180617	26.504	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	216312	26.054	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	124017	25.191	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	124679	25.301	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	108981	24.907	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	6037	25.900	ug/L	83
69) 1,3,5-Trichlorobenzene	14.627	180	89502	25.287	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	67080	23.860	ug/L	99
71) Naphthalene	15.359	128	120322	26.232	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	57730	24.024	ug/L	100

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

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