

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101322\
 Data File : VW024913.D
 Acq On : 13 Oct 2022 18:59
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025598

Quant Time: Oct 14 02:15:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 14 02:07:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	418837	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	382898	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	195548	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	105858	21.423	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.680%
7) Chloroethane-d5	2.885	69	61965	21.418	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.680%
11) 1,1-Dichloroethene-d2	4.019	63	251801	23.437	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.760%
21) 2-Butanone-d5	7.086	46	78373	50.058	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.120%
24) Chloroform-d	7.653	84	273231	23.129	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.520%
26) 1,2-Dichloroethane-d4	8.305	65	142929	23.117	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.480%
32) Benzene-d6	8.275	84	552214	22.999	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	9.275	67	171136	23.238	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.960%
41) Toluene-d8	10.323	98	498698	23.141	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.560%
43) trans-1,3-Dichloroprop...	10.579	79	66685	23.876	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.520%
47) 2-Hexanone-d5	10.921	63	62807	50.869	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.740%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	138234	24.069	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	159084	22.262	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	46150	24.628	ug/L	90
3) Chloromethane	2.215	50	111249	25.490	ug/L	98
5) Vinyl chloride	2.361	62	164740	27.667	ug/L	97
6) Bromomethane	2.782	94	74412	25.730	ug/L	95
8) Chloroethane	2.922	64	62631	25.244	ug/L	97
9) Trichlorofluoromethane	3.257	101	87973	29.869	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	160867	26.825	ug/L	98
12) 1,1-Dichloroethene	4.044	96	153983	27.136	ug/L	90
13) Acetone	4.135	43	51658	47.151	ug/L	98
14) Carbon disulfide	4.391	76	509205	27.473	ug/L	99
15) Methyl Acetate	4.678	43	73984	27.747	ug/L	100
16) Methylene chloride	4.916	84	208852	28.242	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	169197	27.393	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	257792	28.086	ug/L	99
19) 1,1-Dichloroethane	6.214	63	306433	26.816	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	181080	27.126	ug/L	98
22) 2-Butanone	7.177	43	93380	51.091	ug/L	100
23) Bromochloromethane	7.519	128	74561	27.307	ug/L	98
25) Chloroform	7.677	83	304682	27.164	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	199092	27.449	ug/L	99
29) Cyclohexane	7.958	56	304140	27.350	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	239580	27.207	ug/L	99
31) Carbon tetrachloride	8.067	117	211795	27.393	ug/L	97
33) Benzene	8.324	78	706039	27.104	ug/L	100
34) Trichloroethene	9.092	95	177626	27.076	ug/L	99
35) Methylcyclohexane	9.336	83	324282	27.466	ug/L	99
37) 1,2-Dichloropropane	9.366	63	175225	26.991	ug/L	100
38) Bromodichloromethane	9.646	83	220846	27.533	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	264146	28.150	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	211298	55.068	ug/L	99
42) Toluene	10.384	91	725479	27.163	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	220609	28.317	ug/L	96
45) 1,1,2-Trichloroethane	10.787	97	126130	27.815	ug/L	98
46) Tetrachloroethene	10.860	164	120609	27.039	ug/L	91
48) 2-Hexanone	10.969	43	145347	55.869	ug/L	97
49) Dibromochloromethane	11.128	129	139147	27.720	ug/L	97
50) 1,2-Dibromoethane	11.232	107	118040	27.633	ug/L	93
51) Chlorobenzene	11.658	112	454041	27.048	ug/L	96
52) Ethylbenzene	11.725	91	830786	27.779	ug/L	97
53) m,p-Xylene	11.835	106	316684	27.871	ug/L	98
54) o-Xylene	12.164	106	299274	27.662	ug/L	100
55) Styrene	12.177	104	521020	28.078	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	153182	27.688	ug/L	96
59) Bromoform	12.347	173	70323	26.876	ug/L #	99
60) Isopropylbenzene	12.463	105	804976	25.520	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	115177	26.787	ug/L	97
62) 1,3,5-Trimethylbenzene	12.939	105	701478	25.902	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	690767	26.454	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	328855	25.599	ug/L	97
65) 1,4-Dichlorobenzene	13.573	146	320299	24.632	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	294222	25.767	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	24619	26.342	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	204067	24.330	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	187070	27.489	ug/L	91
71) Naphthalene	15.359	128	404383	27.425	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	152848	26.315	ug/L	98

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

