

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100422\
 Data File : VW024724.D
 Acq On : 04 Oct 2022 19:08
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025583

Quant Time: Oct 05 07:19:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 30 22:12:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	543445	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	504605	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	241465	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	127374	22.402	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.600%
7) Chloroethane-d5	2.885	69	70914	21.462	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.840%
11) 1,1-Dichloroethene-d2	4.025	63	284662	21.631	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.520%
21) 2-Butanone-d5	7.080	46	118983	58.205	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.400%
24) Chloroform-d	7.647	84	363018	24.987	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.960%
26) 1,2-Dichloroethane-d4	8.305	65	189329	25.121	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.480%
32) Benzene-d6	8.275	84	711432	22.058	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.240%
36) 1,2-Dichloropropane-d6	9.274	67	229619	23.301	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.200%
41) Toluene-d8	10.323	98	624257	21.656	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.640%
43) trans-1,3-Dichloroprop...	10.573	79	86811	19.782	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.120%
47) 2-Hexanone-d5	10.927	63	91580	54.317	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.640%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	192319	27.390	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	196854	23.168	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.680%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	57998	17.383	ug/L	95
3) Chloromethane	2.215	50	142341	21.908	ug/L	98
5) Vinyl chloride	2.361	62	198943	29.780	ug/L	97
6) Bromomethane	2.776	94	93919	30.462	ug/L	94
8) Chloroethane	2.922	64	72869	25.873	ug/L	99
9) Trichlorofluoromethane	3.251	101	72842	19.490	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	197463	27.702	ug/L #	79
12) 1,1-Dichloroethene	4.044	96	190344	26.774	ug/L	91
13) Acetone	4.123	43	73926	49.566	ug/L	98
14) Carbon disulfide	4.385	76	620398	27.643	ug/L	99
15) Methyl Acetate	4.672	43	106862	32.358	ug/L	99
16) Methylene chloride	4.922	84	224515	21.036	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	223149	27.936	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	357249	28.207	ug/L	99
19) 1,1-Dichloroethane	6.220	63	422009	28.238	ug/L	95
20) cis-1,2-Dichloroethene	7.165	96	244882	28.572	ug/L	93
22) 2-Butanone	7.171	43	141873	59.471	ug/L	98
23) Bromochloromethane	7.513	128	103709	29.772	ug/L	94
25) Chloroform	7.677	83	412073	29.078	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	265822	29.810	ug/L	99
29) Cyclohexane	7.951	56	381461	24.271	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	306916	25.136	ug/L	99
31) Carbon tetrachloride	8.067	117	253764	24.542	ug/L	99
33) Benzene	8.323	78	945763	26.779	ug/L	100
34) Trichloroethene	9.091	95	235751	26.336	ug/L	98
35) Methylcyclohexane	9.335	83	403615	24.596	ug/L	99
37) 1,2-Dichloropropane	9.366	63	242037	27.760	ug/L	100
38) Bromodichloromethane	9.646	83	293458	27.362	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	352862	25.592	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	312077	60.470	ug/L	99
42) Toluene	10.384	91	974420	26.717	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	291067	24.623	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	174509	29.302	ug/L	99
46) Tetrachloroethene	10.859	164	154951	25.476	ug/L	91
48) 2-Hexanone	10.969	43	211869	60.711	ug/L	99
49) Dibromochloromethane	11.128	129	183751	27.400	ug/L	93
50) 1,2-Dibromoethane	11.237	107	160839	28.532	ug/L	100
51) Chlorobenzene	11.658	112	616536	27.609	ug/L	99
52) Ethylbenzene	11.725	91	1084683	27.000	ug/L	100
53) m,p-Xylene	11.835	106	418406	26.672	ug/L	98
54) o-Xylene	12.164	106	400818	27.057	ug/L	96
55) Styrene	12.176	104	699248	28.000	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	213057	30.554	ug/L	98
59) Bromoform	12.347	173	90276	26.449	ug/L	98
60) Isopropylbenzene	12.463	105	1062596	27.000	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	157767	30.332	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	902552	26.386	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	919988	27.455	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	430851	26.948	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	436981	28.076	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	381356	27.384	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	33218	27.006	ug/L	97
69) 1,3,5-Trichlorobenzene	14.621	180	278373	26.222	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	237388	26.618	ug/L	98
71) Naphthalene	15.365	128	547552	28.197	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	208472	27.466	ug/L	94

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

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