

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052622\
 Data File : VW023358.D
 Acq On : 26 May 2022 15:13
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025555

Quant Time: May 27 00:53:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 27 00:22:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	357801	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	356590	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	211627	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	116565	15.879	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.520%
7) Chloroethane-d5	2.885	69	83162	17.413	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.640%
11) 1,1-Dichloroethene-d2	4.019	63	178687	18.839	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.360%
21) 2-Butanone-d5	7.080	46	61698	44.205	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.420%
24) Chloroform-d	7.647	84	234040	22.326	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.320%
26) 1,2-Dichloroethane-d4	8.305	65	121720	21.171	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.680%
32) Benzene-d6	8.275	84	428857	20.865	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.480%
36) 1,2-Dichloropropane-d6	9.274	67	125329	21.707	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.840%
41) Toluene-d8	10.323	98	418818	21.094	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.360%
43) trans-1,3-Dichloroprop...	10.579	79	58931	22.168	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.680%
47) 2-Hexanone-d5	10.920	63	50171	45.520	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.040%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	125816	23.380	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	163910	22.157	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	45762	23.462	ug/L	96
3) Chloromethane	2.215	50	104391	27.697	ug/L	99
5) Vinyl chloride	2.361	62	162755	21.516	ug/L	98
6) Bromomethane	2.776	94	83906	17.276	ug/L	95
8) Chloroethane	2.916	64	79913	21.904	ug/L	99
9) Trichlorofluoromethane	3.257	101	76412	22.102	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	126264	24.425	ug/L	94
12) 1,1-Dichloroethene	4.037	96	109244	23.839	ug/L	93
13) Acetone	4.123	43	39694	37.986	ug/L	96
14) Carbon disulfide	4.385	76	271060	21.575	ug/L	99
15) Methyl Acetate	4.665	43	49744	23.695	ug/L	99
16) Methylene chloride	4.915	84	138175	26.392	ug/L	95
17) trans-1,2-Dichloroethene	5.427	96	126940	24.615	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	209731	26.641	ug/L	100
19) 1,1-Dichloroethane	6.214	63	222759	25.486	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	142343	25.698	ug/L #	96
22) 2-Butanone	7.171	43	68716	47.022	ug/L	100
23) Bromochloromethane	7.512	128	66972	25.817	ug/L	86
25) Chloroform	7.677	83	248169	25.678	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	161721	25.103	ug/L	99
29) Cyclohexane	7.951	56	188883	24.492	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	219489	26.046	ug/L	98
31) Carbon tetrachloride	8.067	117	202706	25.715	ug/L	99
33) Benzene	8.323	78	529239	25.194	ug/L	100
34) Trichloroethene	9.091	95	143768	24.886	ug/L	98
35) Methylcyclohexane	9.335	83	244671	25.780	ug/L	100
37) 1,2-Dichloropropane	9.366	63	126705	24.924	ug/L	100
38) Bromodichloromethane	9.646	83	178860	24.771	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	205007	26.008	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	153825	48.008	ug/L	98
42) Toluene	10.384	91	617368	26.224	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	186852	26.558	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	108566	25.547	ug/L	100
46) Tetrachloroethene	10.859	164	120901	27.847	ug/L	84
48) 2-Hexanone	10.963	43	103169	48.190	ug/L	99
49) Dibromochloromethane	11.128	129	135326	26.458	ug/L	99
50) 1,2-Dibromoethane	11.237	107	109289	25.611	ug/L #	88
51) Chlorobenzene	11.658	112	404587	26.068	ug/L	99
52) Ethylbenzene	11.731	91	690998	26.383	ug/L	98
53) m,p-Xylene	11.835	106	276150	26.759	ug/L	100
54) o-Xylene	12.164	106	269503	27.214	ug/L	96
55) Styrene	12.182	104	460288	27.353	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	133334	25.120	ug/L	96
59) Bromoform	12.347	173	73038	24.353	ug/L	98
60) Isopropylbenzene	12.463	105	728589	25.131	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	94697	22.395	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	393328	24.386	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	610750	25.218	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	332360	25.677	ug/L	91
65) 1,4-Dichlorobenzene	13.578	146	329267	24.627	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	304865	25.738	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	20654	22.349	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	236288	27.501	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	185678	26.865	ug/L	99
71) Naphthalene	15.365	128	377472	25.128	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	161518	26.367	ug/L	96

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

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