

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052622\
 Data File : VW023348.D
 Acq On : 26 May 2022 09:36
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025554

Quant Time: May 27 00:17:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 26 04:46:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	371684	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	368383	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	213019	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	127236	16.685	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.760%
7) Chloroethane-d5	2.885	69	97173	19.587	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.360%
11) 1,1-Dichloroethene-d2	4.019	63	205634	20.870	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.480%
21) 2-Butanone-d5	7.074	46	62004	42.765	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.520%
24) Chloroform-d	7.647	84	261874	24.048	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	8.305	65	133741	22.393	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.560%
32) Benzene-d6	8.275	84	486528	22.913	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.640%
36) 1,2-Dichloropropane-d6	9.275	67	138659	23.247	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.000%
41) Toluene-d8	10.323	98	478050	23.306	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.240%
43) trans-1,3-Dichloroprop...	10.579	79	63634	23.171	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.680%
47) 2-Hexanone-d5	10.921	63	51476	45.209	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.420%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	129218	23.243	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	184388	24.762	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	45367	22.390	ug/L	89
3) Chloromethane	2.215	50	108091	27.607	ug/L	97
5) Vinyl chloride	2.361	62	167323	21.294	ug/L	98
6) Bromomethane	2.776	94	90048	17.849	ug/L	97
8) Chloroethane	2.922	64	85160	22.470	ug/L	99
9) Trichlorofluoromethane	3.257	101	85860	23.907	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	136103	25.345	ug/L	94
12) 1,1-Dichloroethene	4.038	96	119745	25.154	ug/L	94
13) Acetone	4.123	43	38414	35.388	ug/L	97
14) Carbon disulfide	4.385	76	300987	23.062	ug/L	97
15) Methyl Acetate	4.666	43	47775	21.907	ug/L	99
16) Methylene chloride	4.916	84	127833	23.504	ug/L	98
17) trans-1,2-Dichloroethene	5.422	96	134127	25.037	ug/L	98
18) Methyl tert-butyl Ether	5.422	73	216045	26.418	ug/L	100
19) 1,1-Dichloroethane	6.214	63	230944	25.436	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	149782	26.031	ug/L #	98
22) 2-Butanone	7.171	43	63683	41.950	ug/L	99
23) Bromochloromethane	7.507	128	69272	25.706	ug/L	85
25) Chloroform	7.671	83	258394	25.737	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	164437	24.571	ug/L	96
29) Cyclohexane	7.958	56	200890	25.215	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	234037	26.884	ug/L	99
31) Carbon tetrachloride	8.067	117	219594	26.966	ug/L	97
33) Benzene	8.317	78	550287	25.357	ug/L	100
34) Trichloroethene	9.092	95	153448	25.711	ug/L	95
35) Methylcyclohexane	9.329	83	251487	25.650	ug/L	99
37) 1,2-Dichloropropane	9.366	63	128779	24.521	ug/L	98
38) Bromodichloromethane	9.640	83	189102	25.351	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	216837	26.628	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	144641	43.696	ug/L	97
42) Toluene	10.384	91	641433	26.374	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	191951	26.409	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	108424	24.697	ug/L	97
46) Tetrachloroethene	10.860	164	127745	28.482	ug/L	94
48) 2-Hexanone	10.963	43	98077	44.345	ug/L	98
49) Dibromochloromethane	11.128	129	139575	26.415	ug/L	97
50) 1,2-Dibromoethane	11.232	107	107482	24.381	ug/L	100
51) Chlorobenzene	11.658	112	426449	26.597	ug/L	99
52) Ethylbenzene	11.725	91	717676	26.524	ug/L	99
53) m,p-Xylene	11.835	106	291659	27.357	ug/L	96
54) o-Xylene	12.164	106	277775	27.151	ug/L	94
55) Styrene	12.176	104	471751	27.137	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	127426	23.238	ug/L	97
59) Bromoform	12.347	173	73687	24.409	ug/L	99
60) Isopropylbenzene	12.463	105	771544	26.438	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	90688	21.307	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	430025	26.487	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	640939	26.292	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	348514	26.749	ug/L	89
65) 1,4-Dichlorobenzene	13.579	146	348256	25.877	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	308207	25.850	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	18449	19.833	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.627	180	240072	27.758	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	198504	28.533	ug/L	98
71) Naphthalene	15.359	128	372553	24.638	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	171606	27.831	ug/L	100

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

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