

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052322\
 Data File : VW023236.D
 Acq On : 23 May 2022 08:48
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025546

Quant Time: May 24 01:24:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 21 01:30:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	353043	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	346298	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	201219	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	125144	17.277	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.120%
7) Chloroethane-d5	2.885	69	87721	18.615	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.480%
11) 1,1-Dichloroethene-d2	4.019	63	180689	19.306	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.240%
21) 2-Butanone-d5	7.080	46	51658	37.510	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.020%
24) Chloroform-d	7.647	84	214490	20.737	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.960%
26) 1,2-Dichloroethane-d4	8.305	65	116690	20.570	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.280%
32) Benzene-d6	8.275	84	408993	20.490	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.960%
36) 1,2-Dichloropropane-d6	9.274	67	119819	21.370	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.480%
41) Toluene-d8	10.323	98	399312	20.709	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.840%
43) trans-1,3-Dichloroprop...	10.579	79	53525	20.733	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.920%
47) 2-Hexanone-d5	10.920	63	41880	39.127	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.260%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	111167	21.272	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.080%
66) 1,2-Dichlorobenzene-d4	13.847	152	147728	21.002	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	46142	23.975	ug/L	95
3) Chloromethane	2.215	50	113414	30.496	ug/L	99
5) Vinyl chloride	2.361	62	171798	23.018	ug/L	98
6) Bromomethane	2.776	94	90077	18.797	ug/L	95
8) Chloroethane	2.922	64	80940	22.484	ug/L	99
9) Trichlorofluoromethane	3.257	101	80629	23.636	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	117764	23.087	ug/L	98
12) 1,1-Dichloroethene	4.037	96	104547	23.121	ug/L	87
13) Acetone	4.123	43	42888	41.596	ug/L	99
14) Carbon disulfide	4.379	76	293096	23.643	ug/L	99
15) Methyl Acetate	4.672	43	46316	22.360	ug/L	97
16) Methylene chloride	4.915	84	115280	22.316	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	121052	23.790	ug/L	94
18) Methyl tert-butyl Ether	5.421	73	183501	23.623	ug/L	98
19) 1,1-Dichloroethane	6.214	63	204910	23.760	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	129612	23.715	ug/L #	98
22) 2-Butanone	7.165	43	64929	45.029	ug/L	99
23) Bromochloromethane	7.512	128	59615	23.291	ug/L	93
25) Chloroform	7.677	83	236621	24.813	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	152363	23.969	ug/L	98
29) Cyclohexane	7.951	56	186691	24.927	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	202487	24.743	ug/L	99
31) Carbon tetrachloride	8.067	117	186264	24.332	ug/L	99
33) Benzene	8.323	78	502501	24.632	ug/L	100
34) Trichloroethene	9.091	95	136148	24.267	ug/L	97
35) Methylcyclohexane	9.329	83	229668	24.919	ug/L	98
37) 1,2-Dichloropropane	9.366	63	118282	23.959	ug/L	100
38) Bromodichloromethane	9.646	83	167768	23.925	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	192093	25.094	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	138189	44.410	ug/L	99
42) Toluene	10.384	91	574157	25.113	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	170968	25.023	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	99371	24.078	ug/L	98
46) Tetrachloroethene	10.859	164	108173	25.656	ug/L	87
48) 2-Hexanone	10.963	43	97382	46.839	ug/L	97
49) Dibromochloromethane	11.128	129	116503	23.455	ug/L	95
50) 1,2-Dibromoethane	11.231	107	97380	23.499	ug/L	94
51) Chlorobenzene	11.658	112	369797	24.535	ug/L	99
52) Ethylbenzene	11.731	91	644489	25.338	ug/L	100
53) m,p-Xylene	11.835	106	256511	25.595	ug/L	90
54) o-Xylene	12.164	106	242804	25.246	ug/L	98
55) Styrene	12.176	104	420951	25.759	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	121047	23.482	ug/L	97
59) Bromoform	12.347	173	63179	22.155	ug/L	99
60) Isopropylbenzene	12.463	105	668044	24.234	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	86902	21.614	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	366535	23.900	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	560229	24.329	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	300581	24.423	ug/L	92
65) 1,4-Dichlorobenzene	13.578	146	300459	23.635	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	266616	23.673	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	18970	21.589	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.621	180	202971	24.845	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	166975	25.408	ug/L	95
71) Naphthalene	15.359	128	332639	23.288	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	148757	25.540	ug/L	98

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

