

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061322\
 Data File : VW023480.D
 Acq On : 13 Jun 2022 16:00
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025571

Quant Time: Jun 14 01:35:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 14 01:31:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	358813	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	348674	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	188498	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	137119	24.054	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.200%
7) Chloroethane-d5	2.885	69	93546	22.324	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.280%
11) 1,1-Dichloroethene-d2	4.019	63	177270	22.279	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.120%
21) 2-Butanone-d5	7.074	46	57102	49.061	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.120%
24) Chloroform-d	7.647	84	235009	23.793	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.160%
26) 1,2-Dichloroethane-d4	8.299	65	125784	23.645	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	8.275	84	434828	23.520	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.080%
36) 1,2-Dichloropropane-d6	9.274	67	132411	24.310	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.240%
41) Toluene-d8	10.323	98	434361	24.054	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	10.579	79	56653	22.788	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.160%
47) 2-Hexanone-d5	10.921	63	48521	55.749	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.500%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	125886	24.746	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	161849	23.785	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	58736	44.894	ug/L	97
3) Chloromethane	2.215	50	127292	29.413	ug/L	100
5) Vinyl chloride	2.361	62	176093	26.107	ug/L	96
6) Bromomethane	2.776	94	80209	21.010	ug/L	86
8) Chloroethane	2.916	64	82204	23.006	ug/L	100
9) Trichlorofluoromethane	3.257	101	106853	35.125	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	111048	25.321	ug/L	98
12) 1,1-Dichloroethene	4.031	96	93615	23.961	ug/L	89
13) Acetone	4.117	43	39344	46.919	ug/L	99
14) Carbon disulfide	4.379	76	287832	23.949	ug/L	97
15) Methyl Acetate	4.672	43	48042	25.661	ug/L	98
16) Methylene chloride	4.909	84	114585	23.596	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	113494	24.535	ug/L	95
18) Methyl tert-butyl Ether	5.421	73	178984	25.708	ug/L	98
19) 1,1-Dichloroethane	6.214	63	205547	24.807	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	126015	24.910	ug/L #	98
22) 2-Butanone	7.165	43	65281	50.862	ug/L	99
23) Bromochloromethane	7.513	128	59528	25.543	ug/L	96
25) Chloroform	7.677	83	228844	24.474	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	153306	24.790	ug/L	100
29) Cyclohexane	7.952	56	164613	23.440	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	185621	22.999	ug/L	97
31) Carbon tetrachloride	8.067	117	171786	23.104	ug/L	99
33) Benzene	8.323	78	488140	24.235	ug/L	100
34) Trichloroethene	9.092	95	124765	23.110	ug/L	94
35) Methylcyclohexane	9.335	83	199189	22.790	ug/L	97
37) 1,2-Dichloropropane	9.366	63	121200	24.623	ug/L	100
38) Bromodichloromethane	9.646	83	168711	24.370	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	183607	24.342	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	150300	53.536	ug/L	99
42) Toluene	10.384	91	550370	24.457	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	166784	24.504	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	99889	24.705	ug/L	97
46) Tetrachloroethene	10.860	164	96178	23.077	ug/L	90
48) 2-Hexanone	10.969	43	103755	54.685	ug/L	98
49) Dibromochloromethane	11.128	129	119120	25.156	ug/L	96
50) 1,2-Dibromoethane	11.238	107	95526	25.274	ug/L	88
51) Chlorobenzene	11.658	112	365606	24.073	ug/L	97
52) Ethylbenzene	11.731	91	612196	23.936	ug/L	99
53) m,p-Xylene	11.835	106	242583	24.370	ug/L	95
54) o-Xylene	12.164	106	237457	24.962	ug/L	97
55) Styrene	12.176	104	418828	25.322	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	126211	25.704	ug/L	97
59) Bromoform	12.353	173	65976	24.623	ug/L	98
60) Isopropylbenzene	12.463	105	639587	23.704	ug/L	100
61) 1,2,3-Trichloropropane	12.762	75	87127	24.292	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	520635	23.593	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	533666	24.166	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	291756	24.374	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	290050	23.731	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	265276	24.196	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	19863	25.081	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	182227	23.299	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	148620	24.403	ug/L	99
71) Naphthalene	15.359	128	313075	26.132	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	134626	25.427	ug/L	98

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

