

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120822\
 Data File : VW025126.D
 Acq On : 08 Dec 2022 11:57
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV478

Quant Time: Dec 08 23:24:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 08 11:34:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	431118	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	379046	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	187781	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	128228	25.802	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	= 103.200%	
7) Chloroethane-d5	2.885	69	81629	25.438	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 101.760%	
11) 1,1-Dichloroethene-d2	4.019	63	275646	25.317	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 101.280%	
21) 2-Butanone-d5	7.074	46	67414	54.032	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 108.060%	
24) Chloroform-d	7.647	84	287196	25.807	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 103.240%	
26) 1,2-Dichloroethane-d4	8.305	65	147540	26.144	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 104.560%	
32) Benzene-d6	8.275	84	582376	26.199	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 104.800%	
36) 1,2-Dichloropropane-d6	9.274	67	171612	26.532	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 106.120%	
41) Toluene-d8	10.323	98	531520	26.372	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 105.480%	
43) trans-1,3-Dichloroprop...	10.579	79	72093	26.386	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 105.560%	
47) 2-Hexanone-d5	10.921	63	56154	59.174	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 118.340%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	127297	26.652	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 106.600%	
66) 1,2-Dichlorobenzene-d4	13.847	152	171393	26.928	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 107.720%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	77157	29.531	ug/L	98
3) Chloromethane	2.215	50	124847	27.137	ug/L	98
5) Vinyl chloride	2.361	62	148000	25.716	ug/L	98
6) Bromomethane	2.776	94	76739	25.733	ug/L	98
8) Chloroethane	2.916	64	68158	25.605	ug/L	98
9) Trichlorofluoromethane	3.257	101	102395	23.741	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	144387	25.343	ug/L	98
12) 1,1-Dichloroethene	4.038	96	140620	25.889	ug/L	97
13) Acetone	4.123	43	59737	46.578	ug/L	99
14) Carbon disulfide	4.385	76	441549	25.464	ug/L	100
15) Methyl Acetate	4.666	43	57341	27.392	ug/L	100
16) Methylene chloride	4.915	84	153296	22.750	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	151017	26.227	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	231173	27.057	ug/L	100
19) 1,1-Dichloroethane	6.214	63	275653	26.494	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	160021	26.282	ug/L	95
22) 2-Butanone	7.171	43	83567	51.792	ug/L	97
23) Bromochloromethane	7.519	128	69995	27.167	ug/L	94
25) Chloroform	7.677	83	279420	26.539	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120822\
 Data File : VW025126.D
 Acq On : 08 Dec 2022 11:57
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV478

Quant Time: Dec 08 23:24:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 08 11:34:08 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	178000	26.852	ug/L	100
29) Cyclohexane	7.958	56	254711	26.538	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	234417	26.199	ug/L	99
31) Carbon tetrachloride	8.067	117	212767	25.861	ug/L	98
33) Benzene	8.323	78	627318	26.716	ug/L	100
34) Trichloroethene	9.092	95	161686	26.287	ug/L	97
35) Methylcyclohexane	9.335	83	279750	25.642	ug/L	98
37) 1,2-Dichloropropane	9.366	63	153567	27.116	ug/L	99
38) Bromodichloromethane	9.640	83	202744	27.099	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	238534	27.565	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	165771	57.100	ug/L	99
42) Toluene	10.384	91	664107	26.994	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	203334	27.437	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	111305	27.540	ug/L	92
46) Tetrachloroethene	10.860	164	116490	26.017	ug/L	97
48) 2-Hexanone	10.969	43	116650	55.009	ug/L	99
49) Dibromochloromethane	11.128	129	132655	27.330	ug/L	94
50) 1,2-Dibromoethane	11.231	107	103808	27.587	ug/L	97
51) Chlorobenzene	11.658	112	416514	26.454	ug/L	99
52) Ethylbenzene	11.725	91	746736	26.784	ug/L	96
53) m,p-Xylene	11.835	106	286199	26.880	ug/L	94
54) o-Xylene	12.164	106	270935	26.700	ug/L	93
55) Styrene	12.176	104	474122	27.590	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	129433	27.385	ug/L	95
59) Bromoform	12.347	173	67304	26.100	ug/L	94
60) Isopropylbenzene	12.463	105	756401	26.279	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	94590	26.207	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	652908	26.481	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	642414	26.820	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	316030	26.819	ug/L	93
65) 1,4-Dichlorobenzene	13.572	146	323873	27.292	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	286652	27.894	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	22662	26.929	ug/L	89
69) 1,3,5-Trichlorobenzene	14.621	180	211582	25.287	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	186396	27.764	ug/L	95
71) Naphthalene	15.359	128	381331	28.975	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	160276	27.242	ug/L	98

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

