

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010323\
 Data File : VW025219.D
 Acq On : 03 Jan 2023 15:09
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV404

Quant Time: Jan 04 00:53:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 04 00:45:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	514535	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	392680	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	226417	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	137675	23.047	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.200%
7) Chloroethane-d5	2.879	69	90924	24.157	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.640%
11) 1,1-Dichloroethene-d2	4.019	63	302666	23.134	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.520%
21) 2-Butanone-d5	7.074	46	82452	54.462	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.920%
24) Chloroform-d	7.647	84	319825	24.800	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	8.305	65	164813	24.811	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.240%
32) Benzene-d6	8.275	84	657016	27.864	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.440%
36) 1,2-Dichloropropane-d6	9.275	67	195310	28.315	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.280%
41) Toluene-d8	10.323	98	597102	27.824	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.280%
43) trans-1,3-Dichloroprop...	10.573	79	85872	29.073	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	116.280%
47) 2-Hexanone-d5	10.921	63	68806	63.305	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.600%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	121513	25.191	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.760%
66) 1,2-Dichlorobenzene-d4	13.847	152	195432	24.293	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	71191	24.393	ug/L	97
3) Chloromethane	2.209	50	122371	23.787	ug/L	99
5) Vinyl chloride	2.355	62	147330	22.454	ug/L	98
6) Bromomethane	2.776	94	80210	23.288	ug/L	98
8) Chloroethane	2.916	64	70226	22.962	ug/L	97
9) Trichlorofluoromethane	3.257	101	101779	22.394	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	149148	22.549	ug/L	99
12) 1,1-Dichloroethene	4.038	96	147196	23.075	ug/L	92
13) Acetone	4.123	43	71890	40.603	ug/L	97
14) Carbon disulfide	4.385	76	481354	22.773	ug/L	100
15) Methyl Acetate	4.672	43	65806	25.723	ug/L	100
16) Methylene chloride	4.909	84	163582	20.555	ug/L	98
17) trans-1,2-Dichloroethene	5.422	96	159581	23.355	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	233183	24.348	ug/L	99
19) 1,1-Dichloroethane	6.214	63	283616	23.596	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	169671	23.892	ug/L	95
22) 2-Butanone	7.171	43	93992	47.775	ug/L	99
23) Bromochloromethane	7.513	128	72095	24.321	ug/L	98
25) Chloroform	7.677	83	282046	23.866	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010323\
 Data File : VW025219.D
 Acq On : 03 Jan 2023 15:09
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV404

Quant Time: Jan 04 00:53:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 04 00:45:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	181924	24.873	ug/L	99
29) Cyclohexane	7.952	56	269640	26.051	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	232253	26.631	ug/L	99
31) Carbon tetrachloride	8.067	117	205695	25.898	ug/L	98
33) Benzene	8.323	78	651654	27.452	ug/L	100
34) Trichloroethene	9.092	95	165458	26.727	ug/L	97
35) Methylcyclohexane	9.336	83	296599	26.402	ug/L	99
37) 1,2-Dichloropropane	9.366	63	160605	27.514	ug/L	100
38) Bromodichloromethane	9.646	83	203510	27.890	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	252563	28.364	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	180792	59.347	ug/L	98
42) Toluene	10.384	91	684039	27.396	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	213449	28.021	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	116199	28.698	ug/L	98
46) Tetrachloroethene	10.860	164	121163	26.639	ug/L	96
48) 2-Hexanone	10.963	43	132344	56.647	ug/L	98
49) Dibromochloromethane	11.128	129	138378	29.284	ug/L	91
50) 1,2-Dibromoethane	11.232	107	111644	29.147	ug/L	96
51) Chlorobenzene	11.652	112	379365	24.327	ug/L	97
52) Ethylbenzene	11.725	91	677148	24.336	ug/L	96
53) m,p-Xylene	11.835	106	246604	22.933	ug/L	94
54) o-Xylene	12.164	106	249791	25.240	ug/L	100
55) Styrene	12.176	104	422475	25.119	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.707	83	112212	24.853	ug/L	98
59) Bromoform	12.347	173	59249	19.839	ug/L	96
60) Isopropylbenzene	12.457	105	616360	18.066	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	84513	20.008	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	576915	19.945	ug/L	99
63) 1,2,4-Trimethylbenzene	13.243	105	650030	22.781	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	313867	22.508	ug/L	90
65) 1,4-Dichlorobenzene	13.579	146	317221	22.954	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	284316	23.624	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	24396	25.786	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	233700	23.522	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	200792	23.800	ug/L	98
71) Naphthalene	15.359	128	407927	24.671	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	174709	24.141	ug/L	97

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

