

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040323\
 Data File : VW025550.D
 Acq On : 03 Apr 2023 11:41
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV442

Quant Time: Apr 04 03:11:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 04 03:04:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	785931	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	687173	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	337973	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	286266	22.383	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.520%
7) Chloroethane-d5	2.899	69	207272	22.763	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.040%
11) 1,1-Dichloroethene-d2	4.027	63	608879	23.542	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.160%
21) 2-Butanone-d5	7.081	46	136875	47.974	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.940%
24) Chloroform-d	7.654	84	507172	22.983	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.920%
26) 1,2-Dichloroethane-d4	8.307	65	266767	23.237	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.960%
32) Benzene-d6	8.276	84	1066455	23.968	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.880%
36) 1,2-Dichloropropane-d6	9.276	67	327663	23.617	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.480%
41) Toluene-d8	10.325	98	940191	24.189	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.760%
43) trans-1,3-Dichloroprop...	10.575	79	127985	24.605	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.440%
47) 2-Hexanone-d5	10.922	63	94669	49.922	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.840%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	221345	23.638	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	283866	24.448	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	263888	24.010	ug/L	91
3) Chloromethane	2.228	50	355473	27.878	ug/L	99
5) Vinyl chloride	2.375	62	373349	26.487	ug/L	96
6) Bromomethane	2.789	94	200492	26.441	ug/L	99
8) Chloroethane	2.936	64	209758	26.570	ug/L	95
9) Trichlorofluoromethane	3.271	101	281927	25.962	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	298405	27.383	ug/L	97
12) 1,1-Dichloroethene	4.045	96	283602	26.000	ug/L	97
13) Acetone	4.125	43	117759	48.767	ug/L	99
14) Carbon disulfide	4.393	76	1011304	26.279	ug/L	99
15) Methyl Acetate	4.673	43	140529	25.903	ug/L	97
16) Methylene chloride	4.923	84	301077	24.101	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	301665	26.013	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	431398	26.956	ug/L	100
19) 1,1-Dichloroethane	6.222	63	614411	26.518	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	321021	26.606	ug/L #	95
22) 2-Butanone	7.167	43	174344	50.788	ug/L	99
23) Bromochloromethane	7.520	128	130531	26.380	ug/L	98
25) Chloroform	7.679	83	553820	26.138	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040323\
 Data File : VW025550.D
 Acq On : 03 Apr 2023 11:41
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV442

Quant Time: Apr 04 03:11:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 04 03:04:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	374485	26.338	ug/L	99
29) Cyclohexane	7.959	56	620945	27.918	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	454832	26.638	ug/L	99
31) Carbon tetrachloride	8.069	117	405737	26.313	ug/L	98
33) Benzene	8.325	78	1277136	26.702	ug/L	100
34) Trichloroethene	9.093	95	325333	26.150	ug/L	97
35) Methylcyclohexane	9.337	83	606958	27.018	ug/L	100
37) 1,2-Dichloropropane	9.367	63	341413	27.028	ug/L	99
38) Bromodichloromethane	9.642	83	386124	26.716	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	504429	27.839	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	386791	54.097	ug/L	100
42) Toluene	10.386	91	1313349	26.966	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	407130	27.248	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	210303	26.110	ug/L	98
46) Tetrachloroethene	10.861	164	235466	26.910	ug/L	94
48) 2-Hexanone	10.965	43	262704	53.177	ug/L	98
49) Dibromochloromethane	11.129	129	228366	26.929	ug/L	99
50) 1,2-Dibromoethane	11.233	107	194752	26.316	ug/L	96
51) Chlorobenzene	11.660	112	790439	26.337	ug/L	99
52) Ethylbenzene	11.727	91	1503221	27.274	ug/L	99
53) m,p-Xylene	11.837	106	554227	27.421	ug/L	97
54) o-Xylene	12.166	106	516930	27.339	ug/L	98
55) Styrene	12.178	104	896951	28.183	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	251030	26.020	ug/L	99
59) Bromoform	12.349	173	121539	26.243	ug/L	93
60) Isopropylbenzene	12.464	105	1443602	27.267	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	183933	26.259	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1185879	28.375	ug/L	99
63) 1,2,4-Trimethylbenzene	13.251	105	1127686	28.022	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	582271	26.540	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	587553	26.223	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	528420	27.473	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	38424	25.006	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	392432	26.716	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	330676	27.713	ug/L	96
71) Naphthalene	15.360	128	654637	29.402	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	285817	27.396	ug/L	96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040323\
Data File : VW025550.D
Acq On : 03 Apr 2023 11:41
Operator : SY/MD
Sample : VSTDICV025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VICV442

Quant Time: Apr 04 03:11:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Apr 04 03:04:42 2023
Response via : Initial Calibration

