

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052224\
 Data File : VW028698.D
 Acq On : 22 May 2024 19:15
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025589

Quant Time: May 23 00:26:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 23 00:20:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	244496	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	230110	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	119541	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	77301	16.650	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.600%
7) Chloroethane-d5	2.899	69	74164	20.862	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.440%
11) 1,1-Dichloroethene-d2	4.027	65	33477	17.258	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.040%
21) 2-Butanone-d5	7.081	46	62900	51.928	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.860%
24) Chloroform-d	7.648	84	196422	25.711	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.840%
26) 1,2-Dichloroethane-d4	8.307	65	112286	25.672	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.680%
32) Benzene-d6	8.276	84	348012	22.668	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.680%
36) 1,2-Dichloropropane-d6	9.270	67	112156	24.277	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.120%
41) Toluene-d8	10.325	98	303112	22.294	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.160%
43) trans-1,3-Dichloroprop...	10.575	79	42453	22.843	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.360%
47) 2-Hexanone-d5	10.922	63	40131	50.365	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.740%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	105360	27.198	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	13.849	152	105805	23.222	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	62620	17.624	ug/L	91
3) Chloromethane	2.229	50	101683	23.101	ug/L	99
5) Vinyl chloride	2.381	62	105998	21.390	ug/L	97
6) Bromomethane	2.790	94	70061	24.439	ug/L	96
8) Chloroethane	2.936	64	68467	24.226	ug/L	96
9) Trichlorofluoromethane	3.265	101	85640	21.049	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	81346	21.686	ug/L	97
12) 1,1-Dichloroethene	4.052	96	75765	22.516	ug/L	95
13) Acetone	4.137	43	33951	30.810	ug/L	100
14) Carbon disulfide	4.399	76	228430	20.086	ug/L	99
15) Methyl Acetate	4.673	43	55222	28.805	ug/L	100
16) Methylene chloride	4.929	84	93030	24.603	ug/L	93
17) trans-1,2-Dichloroethene	5.423	96	84817	24.211	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	135705	26.250	ug/L #	76
19) 1,1-Dichloroethane	6.216	63	180872	26.036	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	97964	26.720	ug/L	96
22) 2-Butanone	7.173	43	59572	42.119	ug/L	99
23) Bromochloromethane	7.514	128	43279	27.062	ug/L	97
25) Chloroform	7.673	83	185272	27.574	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052224\
 Data File : VW028698.D
 Acq On : 22 May 2024 19:15
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025589

Quant Time: May 23 00:26:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 23 00:20:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	134739	27.586	ug/L	97
29) Cyclohexane	7.959	56	140349	21.391	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	134983	23.409	ug/L	99
31) Carbon tetrachloride	8.063	117	121177	23.048	ug/L	99
33) Benzene	8.325	78	377787	25.318	ug/L	100
34) Trichloroethene	9.093	95	96386	24.092	ug/L	96
35) Methylcyclohexane	9.331	83	149117	21.328	ug/L	98
37) 1,2-Dichloropropane	9.368	63	103770	26.688	ug/L	100
38) Bromodichloromethane	9.642	83	132361	27.926	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	145974	26.193	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	136722	51.665	ug/L	99
42) Toluene	10.386	91	405487	26.310	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	126063	26.829	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	77050	27.355	ug/L	96
46) Tetrachloroethene	10.861	164	68361	23.717	ug/L	97
48) 2-Hexanone	10.965	43	89752	48.040	ug/L	96
49) Dibromochloromethane	11.130	129	79076	27.990	ug/L	97
50) 1,2-Dibromoethane	11.233	107	70157	26.590	ug/L #	98
51) Chlorobenzene	11.654	112	252716	26.509	ug/L	97
52) Ethylbenzene	11.727	91	449416	25.768	ug/L	94
53) m,p-Xylene	11.831	106	167990	26.276	ug/L	96
54) o-Xylene	12.166	106	162366	27.452	ug/L	100
55) Styrene	12.178	104	281158	28.055	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.709	83	94625	26.777	ug/L	99
59) Bromoform	12.349	173	43564	24.979	ug/L	97
60) Isopropylbenzene	12.459	105	436670	24.077	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	69231	23.964	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	328217	25.579	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	350641	25.361	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	183737	24.353	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	192631	24.974	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	172972	25.615	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	15376	22.763	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	114468	22.610	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	102730	25.113	ug/L	95
71) Naphthalene	15.360	128	227503	26.103	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	98062	26.566	ug/L	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052224\
Data File : VW028698.D
Acq On : 22 May 2024 19:15
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025589

Quant Time: May 23 00:26:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 23 00:20:47 2024
Response via : Initial Calibration

