

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
 Data File : VW023116.D
 Acq On : 17 May 2022 22:34
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025537

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/18/2022
 Supervised By : Mahesh Dadoda 05/26/2022

Quant Time: May 18 04:23:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 18 03:02:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	330732	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	327646	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	179695	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	148322	21.859	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.440%
7) Chloroethane-d5	2.879	69	101831	23.068	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.280%
11) 1,1-Dichloroethene-d2	4.019	63	179844	20.512	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.040%
21) 2-Butanone-d5	7.074	46	73619	57.063	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.120%
24) Chloroform-d	7.647	84	253696	26.182	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.720%
26) 1,2-Dichloroethane-d4	8.305	65	143585	27.018	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.080%
32) Benzene-d6	8.274	84	481963	25.521	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.080%
36) 1,2-Dichloropropane-d6	9.274	67	139553	26.306	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.240%
41) Toluene-d8	10.323	98	472604	25.906	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.640%
43) trans-1,3-Dichloroprop...	10.579	79	65077	26.642	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.560%
47) 2-Hexanone-d5	10.920	63	61810	61.035	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.060%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	146334	29.595	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	180703	28.767	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	34508	19.140	ug/L	97
3) Chloromethane	2.209	50	80433	23.087	ug/L	100
5) Vinyl chloride	2.355	62	135104	19.323	ug/L	96
6) Bromomethane	2.769	94	84067	18.726	ug/L	94
8) Chloroethane	2.916	64	69360	20.567	ug/L	95
9) Trichlorofluoromethane	3.257	101	58505	18.307	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	101859	21.316	ug/L	97
12) 1,1-Dichloroethene	4.037	96	88392	20.867	ug/L	88
13) Acetone	4.123	43	39064	40.443	ug/L	97
14) Carbon disulfide	4.385	76	174873	15.058	ug/L	98
15) Methyl Acetate	4.671	43	49947m	25.739	ug/L	
16) Methylene chloride	4.909	84	113707	23.496	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	98706	20.707	ug/L	100
18) Methyl tert-butyl Ether	5.427	73	196304	26.976	ug/L	100
19) 1,1-Dichloroethane	6.214	63	186482	23.082	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	120818	23.597	ug/L #	93
22) 2-Butanone	7.171	43	65496	48.486	ug/L	97
23) Bromochloromethane	7.519	128	59504	24.816	ug/L #	82
25) Chloroform	7.677	83	221443	24.788	ug/L	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
 Data File : VW023116.D
 Acq On : 17 May 2022 22:34
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025537

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/18/2022
 Supervised By :Mahesh Dadoda 05/26/2022

Quant Time: May 18 04:23:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 18 03:02:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	148250	24.895	ug/L	98
29) Cyclohexane	7.951	56	138877	19.599	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	178550	23.060	ug/L	99
31) Carbon tetrachloride	8.067	117	160162	22.113	ug/L	99
33) Benzene	8.323	78	437249	22.653	ug/L	100
34) Trichloroethene	9.091	95	117434	22.123	ug/L	95
35) Methylcyclohexane	9.335	83	173499	19.896	ug/L	97
37) 1,2-Dichloropropane	9.372	63	112997	24.191	ug/L	100
38) Bromodichloromethane	9.646	83	163254	24.607	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	179990	24.851	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	157813	53.603	ug/L	99
42) Toluene	10.384	91	509503	23.554	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	164580	25.459	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	101494	25.992	ug/L	97
46) Tetrachloroethene	10.859	164	91400	22.912	ug/L	87
48) 2-Hexanone	10.969	43	104335	53.040	ug/L	99
49) Dibromochloromethane	11.128	129	124799	26.555	ug/L	98
50) 1,2-Dibromoethane	11.231	107	98659	25.163	ug/L	97
51) Chlorobenzene	11.658	112	350468	24.576	ug/L	98
52) Ethylbenzene	11.731	91	571786	23.760	ug/L	99
53) m,p-Xylene	11.835	106	231109	24.373	ug/L	96
54) o-Xylene	12.164	106	231751	25.469	ug/L	95
55) Styrene	12.182	104	397182	25.688	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	132845	27.238	ug/L	97
59) Bromoform	12.347	173	67481	26.498	ug/L	98
60) Isopropylbenzene	12.463	105	621453	25.244	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	95150	26.501	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	349363	25.509	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	520943	25.332	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	285469	25.973	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	284308	25.043	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	261893	26.039	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	21679	27.627	ug/L #	90
69) 1,3,5-Trichlorobenzene	14.627	180	189185	25.931	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	160943	27.424	ug/L	99
71) Naphthalene	15.359	128	381989	29.947	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	142339	27.365	ug/L	96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
Data File : VW023116.D
Acq On : 17 May 2022 22:34
Operator : SY/VA
Sample : VSTDC0025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025537

Quant Time: May 18 04:23:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Wed May 18 03:02:16 2022
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 05/18/2022
Supervised By : Mahesh Dadoda 05/26/2022

