

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024418.D
 Acq On : 27 Aug 2022 22:20
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025551

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/30/2022
 Supervised By :Mahesh Dadoda 08/30/2022

Quant Time: Aug 29 01:51:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Aug 29 01:46:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	217076	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	251820	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	146441	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	147912	24.718	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.880%
7) Chloroethane-d5	2.873	69	112014	24.984	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.920%
11) 1,1-Dichloroethene-d2	4.013	63	116017	22.355	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.440%
21) 2-Butanone-d5	7.080	46	53949	48.948	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.900%
24) Chloroform-d	7.647	84	177451	25.427	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.720%
26) 1,2-Dichloroethane-d4	8.305	65	121088	28.611	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.440%
32) Benzene-d6	8.269	84	332091	23.017	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.080%
36) 1,2-Dichloropropane-d6	9.268	67	108977	24.287	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.160%
41) Toluene-d8	10.323	98	341954	24.927	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.720%
43) trans-1,3-Dichloroprop...	10.579	79	48420	23.059	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.240%
47) 2-Hexanone-d5	10.921	63	53734	53.514	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.020%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	140233	27.604	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	13.847	152	151371	27.449	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	43602	20.054	ug/L	99
3) Chloromethane	2.215	50	85465	21.039	ug/L	100
5) Vinyl chloride	2.349	62	182333	25.677	ug/L	98
6) Bromomethane	2.763	94	116541	23.382	ug/L	97
8) Chloroethane	2.910	64	91367	24.631	ug/L	93
9) Trichlorofluoromethane	3.245	101	62318	18.663	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	71605	22.357	ug/L	98
12) 1,1-Dichloroethene	4.025	96	60923m	23.496	ug/L	
13) Acetone	4.117	43	30137	45.819	ug/L	96
14) Carbon disulfide	4.373	76	184913	21.458	ug/L	98
15) Methyl Acetate	4.666	43	36201	22.498	ug/L	99
16) Methylene chloride	4.909	84	77626	21.322	ug/L	94
17) trans-1,2-Dichloroethene	5.415	96	75304	24.536	ug/L	94
18) Methyl tert-butyl Ether	5.422	73	136170	27.097	ug/L	99
19) 1,1-Dichloroethane	6.208	63	143219	24.678	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	86098m	25.510	ug/L	
22) 2-Butanone	7.165	43	55162	47.006	ug/L	99
23) Bromochloromethane	7.513	128	39216	23.796	ug/L	93
25) Chloroform	7.671	83	167370	25.993	ug/L	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024418.D
 Acq On : 27 Aug 2022 22:20
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025551

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/30/2022
 Supervised By :Mahesh Dadoda 08/30/2022

Quant Time: Aug 29 01:51:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Aug 29 01:46:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	128579	27.433	ug/L	98
29) Cyclohexane	7.945	56	121997	22.471	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	126107	21.241	ug/L	99
31) Carbon tetrachloride	8.067	117	112610	20.733	ug/L	98
33) Benzene	8.317	78	384682	24.536	ug/L	100
34) Trichloroethene	9.092	95	91489	22.140	ug/L	89
35) Methylcyclohexane	9.329	83	155893	23.514	ug/L	99
37) 1,2-Dichloropropane	9.366	63	98689	24.391	ug/L	100
38) Bromodichloromethane	9.640	83	131538	23.873	ug/L	100
39) cis-1,3-Dichloropropene	10.067	75	134538	23.787	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	148258	51.530	ug/L	98
42) Toluene	10.384	91	473851	27.386	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	136784	24.889	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	83093	25.184	ug/L	95
46) Tetrachloroethene	10.860	164	79571	24.794	ug/L	93
48) 2-Hexanone	10.969	43	111332	52.460	ug/L	99
49) Dibromochloromethane	11.128	129	100367	25.719	ug/L	99
50) 1,2-Dibromoethane	11.231	107	80649	25.424	ug/L #	97
51) Chlorobenzene	11.652	112	311615	26.832	ug/L	98
52) Ethylbenzene	11.725	91	540721	28.266	ug/L	96
53) m,p-Xylene	11.835	106	209695	27.913	ug/L	96
54) o-Xylene	12.164	106	206124	29.350	ug/L	94
55) Styrene	12.176	104	381470	30.729	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	120302	26.122	ug/L	97
59) Bromoform	12.347	173	59586	25.355	ug/L	99
60) Isopropylbenzene	12.457	105	560700	28.828	ug/L	98
61) 1,2,3-Trichloropropane	12.762	75	86089	25.996	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	469293	29.923	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	463189	30.406	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	236237	25.403	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	255785	26.053	ug/L	92
67) 1,2-Dichlorobenzene	13.865	146	240428	27.581	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	18726	22.507	ug/L	89
69) 1,3,5-Trichlorobenzene	14.621	180	143385	23.889	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	118652	25.430	ug/L	96
71) Naphthalene	15.359	128	290517	28.351	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	112804	25.580	ug/L	94

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
Data File : VW024418.D
Acq On : 27 Aug 2022 22:20
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025551

Quant Time: Aug 29 01:51:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Aug 29 01:46:03 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 08/30/2022
Supervised By : Mahesh Dadoda 08/30/2022

