Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041024\
Data File : VW028388.D
Acq On : 10 Apr 2024 18:17
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2024
Supervised By :Mahesh Dadoda 04/13/2024

Quant Time: Apr 11 05:59:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Apr 11 05:54:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	303210	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	286106	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	145145	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	102982	21.186	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.760%			
7) Chloroethane-d5	2.899	69	81407	22.096	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.400%			
11) 1,1-Dichloroethene-d2	4.027	65	43131	20.953	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 83.800%			
21) 2-Butanone-d5	7.081	46	52464	57.677	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 115.360%			
24) Chloroform-d	7.654	84	186627	23.588	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.360%			
26) 1,2-Dichloroethane-d4	8.307	65	104363	25.382	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.520%			
32) Benzene-d6	8.276	84	355654	22.755	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.000%			
36) 1,2-Dichloropropane-d6	9.270	67	109818	23.638	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.560%			
41) Toluene-d8	10.319	98	328370	23.104	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.400%			
43) trans-1,3-Dichloroprop...	10.575	79	44830	24.268	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.080%			
47) 2-Hexanone-d5	10.922	63	37650	58.505	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 117.000%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	88737	27.072	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 108.280%			
66) 1,2-Dichlorobenzene-d4	13.849	152	109941	23.951	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	90066m	22.085	ug/L	
3) Chloromethane	2.223	50	100369	20.963	ug/L	99
5) Vinyl chloride	2.375	62	117919	20.680	ug/L	100
6) Bromomethane	2.796	94	72776	20.428	ug/L	96
8) Chloroethane	2.942	64	71434	20.782	ug/L	98
9) Trichlorofluoromethane	3.277	101	94123	20.692	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	89987	21.027	ug/L #	83
12) 1,1-Dichloroethene	4.051	96	82232	20.465	ug/L	90
13) Acetone	4.119	43	61417	54.990	ug/L	97
14) Carbon disulfide	4.393	76	267586	20.227	ug/L	99
15) Methyl Acetate	4.667	43	44243	24.619	ug/L	97
16) Methylene chloride	4.923	84	94445	20.585	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	88595	20.931	ug/L	98
18) Methyl tert-butyl Ether	5.435	73	140458	23.590	ug/L	99
19) 1,1-Dichloroethane	6.222	63	173585	21.049	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	96801	21.548	ug/L	98
22) 2-Butanone	7.167	43	67688	49.939	ug/L	99
23) Bromochloromethane	7.520	128	41974	21.692	ug/L	95
25) Chloroform	7.679	83	175990	21.724	ug/L	95

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041024\
Data File : VW028388.D
Acq On : 10 Apr 2024 18:17
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

Quant Time: Apr 11 05:59:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Apr 11 05:54:50 2024
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2024
Supervised By :Mahesh Dadoda 04/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	127877	22.870	ug/L	97
29) Cyclohexane	7.959	56	161315	21.345	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	142431	20.527	ug/L	99
31) Carbon tetrachloride	8.075	117	123588	20.085	ug/L	100
33) Benzene	8.325	78	376460	21.045	ug/L	100
34) Trichloroethene	9.093	95	99370	20.498	ug/L	98
35) Methylcyclohexane	9.337	83	171223	20.698	ug/L	99
37) 1,2-Dichloropropane	9.368	63	98205	21.063	ug/L	99
38) Bromodichloromethane	9.642	83	125408	21.701	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	152304	22.276	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	128264	54.956	ug/L	99
42) Toluene	10.386	91	400863	21.153	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	126215	22.819	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	70911	22.481	ug/L	94
46) Tetrachloroethene	10.861	164	72773	20.097	ug/L	89
48) 2-Hexanone	10.965	43	97670	52.720	ug/L	97
49) Dibromochloromethane	11.129	129	75179	22.299	ug/L	100
50) 1,2-Dibromoethane	11.233	107	65413	22.721	ug/L	94
51) Chlorobenzene	11.654	112	240524	20.419	ug/L	99
52) Ethylbenzene	11.727	91	461605	21.488	ug/L	98
53) m,p-Xylene	11.837	106	170832	21.384	ug/L	86
54) o-Xylene	12.160	106	161918	21.768	ug/L	97
55) Styrene	12.178	104	281680	22.250	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	88219	24.714	ug/L	99
59) Bromoform	12.343	173	42137	21.993	ug/L	97
60) Isopropylbenzene	12.459	105	443800	20.395	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	65163	24.556	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	292222	21.070	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	361873	21.681	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	190386	20.620	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	190337	20.266	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	172895	21.289	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.483	75	13877	22.821	ug/L	95
69) 1,3,5-Trichlorobenzene	14.617	180	125366	19.732	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	109495	22.069	ug/L	96
71) Naphthalene	15.354	128	219027	24.944	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	92097	20.918	ug/L	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041024\
Data File : VW028388.D
Acq On : 10 Apr 2024 18:17
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 11 05:59:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Apr 11 05:54:50 2024
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD025545

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2024
Supervised By :Mahesh Dadoda 04/13/2024