Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050923\
Data File : VW025915.D
Acq On : 09 May 2023 18:03
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

Quant Time: May 09 23:21:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 05 23:47:36 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	605133	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	521252	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	234835	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	197039	22.978	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.920%			
7) Chloroethane-d5	2.899	69	164932	25.943	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.760%			
11) 1,1-Dichloroethene-d2	4.027	65	98614	22.966	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 91.880%			
21) 2-Butanone-d5	7.075	46	138314	48.791	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.580%			
24) Chloroform-d	7.648	84	452509	25.933	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.720%			
26) 1,2-Dichloroethane-d4	8.307	65	242198	24.546	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.200%			
32) Benzene-d6	8.276	84	887458	26.056	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.240%			
36) 1,2-Dichloropropane-d6	9.270	67	282404	25.915	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.640%			
41) Toluene-d8	10.324	98	766757	25.246	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.000%			
43) trans-1,3-Dichloroprop...	10.574	79	107369	24.306	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.240%			
47) 2-Hexanone-d5	10.922	63	96903	52.148	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.300%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	214330	25.804	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.200%			
66) 1,2-Dichlorobenzene-d4	13.848	152	217513	25.408	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	169435	25.062	ug/L	97
3) Chloromethane	2.222	50	265143	26.599	ug/L	98
5) Vinyl chloride	2.375	62	254747	24.690	ug/L	99
6) Bromomethane	2.789	94	146112	26.037	ug/L	99
8) Chloroethane	2.929	64	148156	25.253	ug/L	97
9) Trichlorofluoromethane	3.271	101	161993	20.804	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	195507	23.087	ug/L	95
12) 1,1-Dichloroethene	4.051	96	195484	24.154	ug/L	96
13) Acetone	4.118	43	96852	38.530	ug/L	100
14) Carbon disulfide	4.393	76	648394	23.691	ug/L	100
15) Methyl Acetate	4.667	43	121488	24.526	ug/L	99
16) Methylene chloride	4.917	84	232217	18.608	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	219843	24.900	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	337741	25.204	ug/L	99
19) 1,1-Dichloroethane	6.215	63	471016	25.966	ug/L	99
20) cis-1,2-Dichloroethene	7.166	96	243831	25.742	ug/L	97
22) 2-Butanone	7.166	43	153345	44.180	ug/L	100
23) Bromochloromethane	7.514	128	102888	25.640	ug/L	93
25) Chloroform	7.672	83	438666	26.312	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050923\
Data File : VW025915.D
Acq On : 09 May 2023 18:03
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

Quant Time: May 09 23:21:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 05 23:47:36 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	299338	25.282	ug/L	99
29) Cyclohexane	7.953	56	409717	25.364	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	336547	26.400	ug/L	99
31) Carbon tetrachloride	8.069	117	294681	25.686	ug/L	100
33) Benzene	8.325	78	967746	26.835	ug/L	100
34) Trichloroethene	9.093	95	243628	26.327	ug/L	94
35) Methylcyclohexane	9.337	83	406410	24.692	ug/L	100
37) 1,2-Dichloropropane	9.367	63	268187	27.144	ug/L	100
38) Bromodichloromethane	9.642	83	304836	26.892	ug/L	98
39) cis-1,3-Dichloropropene	10.074	75	373665	25.789	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	332964	51.773	ug/L	99
42) Toluene	10.385	91	976278	26.494	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	312178	26.002	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	175669	26.579	ug/L	98
46) Tetrachloroethene	10.861	164	161932	24.873	ug/L	89
48) 2-Hexanone	10.965	43	224657	48.762	ug/L	98
49) Dibromochloromethane	11.123	129	182834	26.720	ug/L	93
50) 1,2-Dibromoethane	11.233	107	162033	26.594	ug/L	100
51) Chlorobenzene	11.653	112	577606	25.303	ug/L	97
52) Ethylbenzene	11.727	91	1062507	25.634	ug/L	100
53) m,p-Xylene	11.836	106	391403	25.657	ug/L	95
54) o-Xylene	12.166	106	364965	25.382	ug/L	95
55) Styrene	12.178	104	623583	25.337	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	213538	25.893	ug/L	99
59) Bromoform	12.348	173	100291	28.832	ug/L	100
60) Isopropylbenzene	12.464	105	1013225	28.385	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	158692	28.593	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	790441	27.958	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	699066	26.794	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	409433	26.644	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	391130	25.194	ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	355267	25.924	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	32864	25.536	ug/L	97
69) 1,3,5-Trichlorobenzene	14.629	180	228206	22.373	ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	185927	21.758	ug/L	100
71) Naphthalene	15.360	128	356915	22.129	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	174732	23.045	ug/L	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050923\
Data File : VW025915.D
Acq On : 09 May 2023 18:03
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025482

Quant Time: May 09 23:21:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 05 23:47:36 2023
Response via : Initial Calibration