Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091322\
Data File : VW024613.D
Acq On : 13 Sep 2022 21:31
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025571

Manual Integrations APPROVED
Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

Quant Time: Sep 14 01:39:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 14 01:38:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	293413	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	328147	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	189723	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	132710	21.907	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.640%			
7) Chloroethane-d5	2.873	69	107948	23.965	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.880%			
11) 1,1-Dichloroethene-d2	4.013	63	123929	19.390	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.560%			
21) 2-Butanone-d5	7.080	46	42150	43.132	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.260%			
24) Chloroform-d	7.647	84	170685	22.841	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.360%			
26) 1,2-Dichloroethane-d4	8.305	65	101548	24.101	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.400%			
32) Benzene-d6	8.275	84	325343	20.156	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 80.640%			
36) 1,2-Dichloropropane-d6	9.275	67	98700	20.739	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 82.960%			
41) Toluene-d8	10.323	98	336160	21.363	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.440%			
43) trans-1,3-Dichloroprop...	10.579	79	43979	20.621	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.480%			
47) 2-Hexanone-d5	10.921	63	39688	45.369	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.740%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	109949	24.104	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.400%			
66) 1,2-Dichlorobenzene-d4	13.853	152	134008	22.301	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	24779	17.633	ug/L	91
3) Chloromethane	2.209	50	117542	26.896	ug/L	99
5) Vinyl chloride	2.355	62	182163	24.724	ug/L	98
6) Bromomethane	2.764	94	129612	26.985	ug/L	86
8) Chloroethane	2.910	64	103905	25.922	ug/L	95
9) Trichlorofluoromethane	3.245	101	89768	21.074	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	81572	20.785	ug/L #	89
12) 1,1-Dichloroethene	4.032	96	66803	19.914	ug/L	92
13) Acetone	4.123	43	27457	33.022	ug/L	91
14) Carbon disulfide	4.379	76	163171	18.384	ug/L	100
15) Methyl Acetate	4.678	43	36471	20.752	ug/L	97
16) Methylene chloride	4.909	84	88998	20.327	ug/L	97
17) trans-1,2-Dichloroethene	5.422	96	82377	21.438	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	154472	22.573	ug/L	97
19) 1,1-Dichloroethane	6.214	63	160230	22.919	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	98197m	22.776	ug/L	
22) 2-Butanone	7.177	43	54706	40.675	ug/L	93
23) Bromochloromethane	7.513	128	42885	21.726	ug/L	89
25) Chloroform	7.677	83	185034	23.826	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091322\
Data File : VW024613.D
Acq On : 13 Sep 2022 21:31
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025571

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

Quant Time: Sep 14 01:39:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 14 01:38:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	136851	26.216	ug/L	99
29) Cyclohexane	7.952	56	127292	20.037	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	142034	19.736	ug/L	97
31) Carbon tetrachloride	8.067	117	129699	19.732	ug/L	98
33) Benzene	8.323	78	408613	21.939	ug/L	100
34) Trichloroethene	9.092	95	99812	20.519	ug/L	97
35) Methylcyclohexane	9.329	83	160390	20.609	ug/L	98
37) 1,2-Dichloropropane	9.366	63	104336	22.430	ug/L	99
38) Bromodichloromethane	9.646	83	147410	22.422	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	155002	22.791	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	139881	45.587	ug/L	100
42) Toluene	10.384	91	495471	24.131	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	151711	23.616	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	90963	23.398	ug/L	98
46) Tetrachloroethene	10.860	164	83751	23.367	ug/L	89
48) 2-Hexanone	10.969	43	100632	47.824	ug/L	99
49) Dibromochloromethane	11.128	129	111921	24.627	ug/L	95
50) 1,2-Dibromoethane	11.232	107	85794	22.739	ug/L	97
51) Chlorobenzene	11.652	112	341113	24.047	ug/L	94
52) Ethylbenzene	11.725	91	566793	24.313	ug/L	93
53) m,p-Xylene	11.835	106	223478	24.536	ug/L	85
54) o-Xylene	12.164	106	224938	25.940	ug/L	92
55) Styrene	12.176	104	403244	26.418	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	121170	24.620	ug/L	99
59) Bromoform	12.347	173	62789	22.769	ug/L	98
60) Isopropylbenzene	12.463	105	601591	23.419	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	85203	21.707	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	513293	24.063	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	502478	23.668	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	273790	23.655	ug/L	97
65) 1,4-Dichlorobenzene	13.573	146	286881	23.515	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	263226	24.387	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	18573	19.999	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	176045	23.417	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	141123	23.657	ug/L	96
71) Naphthalene	15.359	128	314145	23.803	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	126754	22.839	ug/L	100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091322\
Data File : VW024613.D
Acq On : 13 Sep 2022 21:31
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 14 01:39:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 14 01:38:30 2022
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD025571

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022