Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091721\
Data File : VW020050.D
Acq On : 17 Sep 2021 08:41
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025540

Quant Time: Sep 18 00:56:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 16 00:47:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	326750	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	319569	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	168369	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	134993	25.083	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.320%			
7) Chloroethane-d5	2.898	69	112048	24.189	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.760%			
11) 1,1-Dichloroethene-d2	4.032	63	220887	25.110	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 100.440%			
21) 2-Butanone-d5	7.080	46	47994	32.599	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 65.200%			
24) Chloroform-d	7.653	84	237896	26.423	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.680%			
26) 1,2-Dichloroethane-d4	8.305	65	129316	24.382	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.520%			
32) Benzene-d6	8.275	84	446241	25.594	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.360%			
36) 1,2-Dichloropropane-d6	9.275	67	130558	25.245	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.000%			
41) Toluene-d8	10.323	98	415833	25.443	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.760%			
43) trans-1,3-Dichloroprop...	10.579	79	57613	24.218	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.880%			
47) 2-Hexanone-d5	10.927	63	37466	35.462	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 70.920%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	108508	21.327	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.320%			
66) 1,2-Dichlorobenzene-d4	13.853	152	141991	24.746	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	85946	25.368	ug/L	98
3) Chloromethane	2.221	50	105919	23.215	ug/L	99
5) Vinyl chloride	2.367	62	180926	25.347	ug/L	97
6) Bromomethane	2.788	94	118215	23.632	ug/L	99
8) Chloroethane	2.934	64	109765	25.210	ug/L	99
9) Trichlorofluoromethane	3.270	101	109271	26.241	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	126641	27.034	ug/L	97
12) 1,1-Dichloroethene	4.044	96	118632	26.753	ug/L	94
13) Acetone	4.117	43	46108	32.977	ug/L	95
14) Carbon disulfide	4.391	76	394763	27.262	ug/L	100
15) Methyl Acetate	4.672	43	43442	17.815	ug/L	99
16) Methylene chloride	4.922	84	126142	21.909	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	125698	26.905	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	137192	23.514	ug/L	99
19) 1,1-Dichloroethane	6.220	63	223203	26.709	ug/L	96
20) cis-1,2-Dichloroethene	7.177	96	126369	26.196	ug/L	99
22) 2-Butanone	7.171	43	58806	33.561	ug/L	97
23) Bromochloromethane	7.519	128	59427	26.606	ug/L	92
25) Chloroform	7.677	83	236886	26.986	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091721\
Data File : VW020050.D
Acq On : 17 Sep 2021 08:41
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD025540

Quant Time: Sep 18 00:56:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 16 00:47:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	157228	25.600	ug/L	98
29) Cyclohexane	7.964	56	196936	27.372	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	201852	26.950	ug/L	99
31) Carbon tetrachloride	8.074	117	191587	27.419	ug/L	100
33) Benzene	8.324	78	517308	26.891	ug/L	100
34) Trichloroethene	9.092	95	132275	25.968	ug/L	95
35) Methylcyclohexane	9.336	83	236155	27.494	ug/L	98
37) 1,2-Dichloropropane	9.372	63	124237	26.678	ug/L	99
38) Bromodichloromethane	9.646	83	166689	26.535	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	186537	26.538	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	125834	37.881	ug/L	100
42) Toluene	10.390	91	565268	27.544	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	170597	25.632	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	90623	24.331	ug/L	97
46) Tetrachloroethene	10.866	164	107604	27.302	ug/L	99
48) 2-Hexanone	10.969	43	90748	38.111	ug/L	99
49) Dibromochloromethane	11.128	129	107279	25.065	ug/L	94
50) 1,2-Dibromoethane	11.238	107	84234	22.995	ug/L	96
51) Chlorobenzene	11.658	112	346370	26.032	ug/L	97
52) Ethylbenzene	11.731	91	625707	27.915	ug/L	98
53) m,p-Xylene	11.841	106	238273	27.940	ug/L	98
54) o-Xylene	12.164	106	224400	27.883	ug/L	92
55) Styrene	12.183	104	394346	28.498	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	109144	22.360	ug/L	98
59) Bromoform	12.347	173	59003	23.155	ug/L	98
60) Isopropylbenzene	12.463	105	619568	27.744	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	80491	20.444	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	524087	28.848	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	517725	29.022	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	274637	26.744	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	274238	26.203	ug/L	92
67) 1,2-Dichlorobenzene	13.871	146	242074	25.867	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	17205	18.113	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	182607	25.709	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	141942	25.520	ug/L	98
71) Naphthalene	15.365	128	259015	21.792	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	132212	25.324	ug/L	95

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091721\
Data File : VW020050.D
Acq On : 17 Sep 2021 08:41
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025540

Quant Time: Sep 18 00:56:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 16 00:47:26 2021
Response via : Initial Calibration