Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041923\
Data File : VW025591.D
Acq On : 19 Apr 2023 19:30
Operator : SY/MD
Sample : 02418-11MSD
Misc : 4.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW8Z5MSD

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

Quant Time: Apr 20 01:35:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Apr 19 04:10:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	619077	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	435557	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	122048	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	197338	19.589	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.360%			
7) Chloroethane-d5	2.899	69	164051	22.872	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.480%			
11) 1,1-Dichloroethene-d2	4.027	63	425857	20.903	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 83.600%			
21) 2-Butanone-d5	7.075	46	141652	63.029	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 126.060%			
24) Chloroform-d	7.648	84	438331	25.217	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.880%			
26) 1,2-Dichloroethane-d4	8.306	65	237004	26.209	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.840%			
32) Benzene-d6	8.276	84	816125	28.938	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 115.760%			
36) 1,2-Dichloropropane-d6	9.276	67	274451	31.210	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 124.840%#			
41) Toluene-d8	10.318	98	632968	25.693	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.760%			
43) trans-1,3-Dichloroprop...	10.580	79	82925	25.152	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.600%			
47) 2-Hexanone-d5	10.922	63	89800	74.710	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 149.420%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	188240	31.715	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 126.880%#			
66) 1,2-Dichlorobenzene-d4	13.848	152	99825	23.808	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	223434m	25.809	ug/L	
3) Chloromethane	2.222	50	260483	25.934	ug/L	98
5) Vinyl chloride	2.374	62	266525	24.004	ug/L	98
6) Bromomethane	2.789	94	120275	20.137	ug/L	96
8) Chloroethane	2.935	64	157959	25.401	ug/L	98
9) Trichlorofluoromethane	3.265	101	209144	24.450	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	190544	22.198	ug/L	98
12) 1,1-Dichloroethene	4.051	96	197785	23.020	ug/L	92
13) Acetone	4.118	43	152918	80.395	ug/L	99
14) Carbon disulfide	4.392	76	514938	16.987	ug/L	98
15) Methyl Acetate	4.667	43	101299	23.705	ug/L	100
16) Methylene chloride	4.917	84	243303	24.725	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	194295	21.270	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	392469	31.133	ug/L	99
19) 1,1-Dichloroethane	6.221	63	488429	26.762	ug/L	99
20) cis-1,2-Dichloroethene	7.172	96	227929	23.982	ug/L #	97
22) 2-Butanone	7.166	43	212639	78.639	ug/L	95
23) Bromochloromethane	7.514	128	100509	25.787	ug/L	95
25) Chloroform	7.678	83	438118	26.251	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041923\
Data File : VW025591.D
Acq On : 19 Apr 2023 19:30
Operator : SY/MD
Sample : 02418-11MSD
Misc : 4.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 20 01:35:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Apr 19 04:10:43 2023
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
EW8Z5MSD

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	298843	26.683	ug/L	98
29) Cyclohexane	7.959	56	310599	22.032	ug/L	100
30) 1,1,1-Trichloroethane	7.873	97	336113	31.057	ug/L	99
31) Carbon tetrachloride	8.069	117	279884	28.637	ug/L	100
33) Benzene	8.325	78	937671	30.929	ug/L	100
34) Trichloroethene	9.093	95	203319	25.783	ug/L	98
35) Methylcyclohexane	9.337	83	214355	15.054	ug/L	100
37) 1,2-Dichloropropane	9.367	63	263995	32.972	ug/L	100
38) Bromodichloromethane	9.641	83	287872	31.424	ug/L	99
39) cis-1,3-Dichloropropene	10.074	75	315600	27.479	ug/L	98
40) 4-Methyl-2-pentanone	10.208	43	372315	82.154	ug/L	99
42) Toluene	10.385	91	842320	27.285	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	253898	26.809	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	171337	33.561	ug/L	98
46) Tetrachloroethene	10.861	164	119692	21.581	ug/L	93
48) 2-Hexanone	10.964	43	254838	81.385	ug/L	99
49) Dibromochloromethane	11.129	129	164776	30.655	ug/L	94
50) 1,2-Dibromoethane	11.233	107	144243	30.751	ug/L	100
51) Chlorobenzene	11.653	112	423765	22.277	ug/L	99
52) Ethylbenzene	11.726	91	795899	22.783	ug/L	97
53) m,p-Xylene	11.836	106	280777	21.917	ug/L	96
54) o-Xylene	12.165	106	276940	23.108	ug/L	96
55) Styrene	12.178	104	421600	20.900	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	185202	30.286	ug/L	97
59) Bromoform	12.348	173	81527	48.748	ug/L	94
60) Isopropylbenzene	12.464	105	651506	34.077	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	145367	57.468	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	443947	29.416	ug/L	99
63) 1,2,4-Trimethylbenzene	13.251	105	420745	28.952	ug/L	98
64) 1,3-Dichlorobenzene	13.494	146	187092	23.615	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	184589	22.814	ug/L	94
67) 1,2-Dichlorobenzene	13.866	146	165743	23.863	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.482	75	27565	49.676	ug/L	98
69) 1,3,5-Trichlorobenzene	14.622	180	68976	13.003	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	43953	10.200	ug/L	94
71) Naphthalene	15.360	128	128112	15.934	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	36400	9.662	ug/L	94

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041923\
Data File : VW025591.D
Acq On : 19 Apr 2023 19:30
Operator : SY/MD
Sample : 02418-11MSD
Misc : 4.63g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 20 01:35:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Apr 19 04:10:43 2023
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
EW8Z5MSD

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023