Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062823\
Data File : VD076623.D
Acq On : 28 Jun 2023 18:25
Operator : KP/SY
Sample : 03422-13MS
Misc : 5.12G/10.0ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 29 01:31:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
A46K7MS

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	208106	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	189649	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	96978	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.264	65	111720	22.044	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.160%			
7) Chloroethane-d5	2.793	69	89830	21.921	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.680%			
11) 1,1-Dichloroethene-d2	3.910	65	29756	22.493	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 89.960%			
21) 2-Butanone-d5	6.981	46	47262	61.576	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 123.160%			
24) Chloroform-d	7.563	84	132239	24.119	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.480%			
26) 1,2-Dichloroethane-d4	8.228	65	71280	26.353	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.400%			
32) Benzene-d6	8.198	84	258550	22.286	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.160%			
36) 1,2-Dichloropropane-d6	9.210	67	84022	22.690	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 90.760%			
41) Toluene-d8	10.269	98	241585	22.490	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.960%			
43) trans-1,3-Dichloroprop...	10.522	79	37329	24.236	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.960%			
47) 2-Hexanone-d5	10.875	63	33395	58.096	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 116.200%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	78252	29.702	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 118.800%			
66) 1,2-Dichlorobenzene-d4	13.816	152	81755	22.999	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	89181	27.501	ug/L	99
3) Chloromethane	2.146	50	142183	26.375	ug/L	98
5) Vinyl chloride	2.275	62	143014	24.592	ug/L	97
6) Bromomethane	2.687	94	56197	17.447	ug/L	99
8) Chloroethane	2.828	64	83531	23.449	ug/L	94
9) Trichlorofluoromethane	3.163	101	122914	29.231	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	73151	26.820	ug/L #	73
12) 1,1-Dichloroethene	3.928	96	67041	24.822	ug/L	94
13) Acetone	4.028	43	34617	55.840	ug/L	99
14) Carbon disulfide	4.258	76	233863	23.887	ug/L	97
15) Methyl Acetate	4.569	43	41568m	29.373	ug/L	
16) Methylene chloride	4.793	84	77697	21.480	ug/L	90
17) trans-1,2-Dichloroethene	5.299	96	73555	24.428	ug/L	91
18) Methyl tert-butyl Ether	5.322	73	181736	26.510	ug/L #	90
19) 1,1-Dichloroethane	6.104	63	135869	24.680	ug/L	92
20) cis-1,2-Dichloroethene	7.075	96	79999	23.789	ug/L	97
22) 2-Butanone	7.081	43	53771	53.747	ug/L	98
23) Bromochloromethane	7.422	128	37443	26.234	ug/L	90
25) Chloroform	7.593	83	135318	25.187	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062823\
Data File : VD076623.D
Acq On : 28 Jun 2023 18:25
Operator : KP/SY
Sample : 03422-13MS
Misc : 5.12G/10.0ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 29 01:31:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
A46K7MS

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.322	62	91257	27.620	ug/L		98
29) Cyclohexane	7.869	56	114751	22.754	ug/L	#	88
30) 1,1,1-Trichloroethane	7.787	97	112328	25.496	ug/L		99
31) Carbon tetrachloride	7.981	117	94201	26.735	ug/L		99
33) Benzene	8.246	78	293867	23.412	ug/L		100
34) Trichloroethene	9.028	95	77504	24.037	ug/L		95
35) Methylcyclohexane	9.269	83	119209	22.927	ug/L		98
37) 1,2-Dichloropropane	9.304	63	81597	23.845	ug/L	#	97
38) Bromodichloromethane	9.581	83	102041	26.144	ug/L		91
39) cis-1,3-Dichloropropene	10.016	75	127337	24.369	ug/L		97
40) 4-Methyl-2-pentanone	10.157	43	120335	56.527	ug/L		99
42) Toluene	10.334	91	325033	24.232	ug/L		100
44) trans-1,3-Dichloropropene	10.551	75	108254	25.488	ug/L		99
45) 1,1,2-Trichloroethane	10.728	97	64353	27.417	ug/L		96
46) Tetrachloroethene	10.810	164	59127	23.326	ug/L		97
48) 2-Hexanone	10.922	43	82277	56.432	ug/L		96
49) Dibromochloromethane	11.075	129	72100	27.029	ug/L		96
50) 1,2-Dibromoethane	11.181	107	63010	27.658	ug/L	#	93
51) Chlorobenzene	11.604	112	204859	24.463	ug/L		97
52) Ethylbenzene	11.681	91	354084	24.492	ug/L		98
53) m,p-Xylene	11.792	106	135653	23.876	ug/L		96
54) o-Xylene	12.122	106	132528	24.498	ug/L		100
55) Styrene	12.134	104	232716	24.899	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.675	83	81630	30.430	ug/L		97
59) Bromoform	12.298	173	47721	27.488	ug/L	#	96
60) Isopropylbenzene	12.422	105	342787	23.109	ug/L		99
61) 1,2,3-Trichloropropane	12.728	75	56305	29.916	ug/L		98
62) 1,3,5-Trimethylbenzene	12.904	105	272543	22.965	ug/L		99
63) 1,2,4-Trimethylbenzene	13.210	105	271342	23.170	ug/L		98
64) 1,3-Dichlorobenzene	13.457	146	153995	23.336	ug/L		100
65) 1,4-Dichlorobenzene	13.539	146	158507	23.829	ug/L		100
67) 1,2-Dichlorobenzene	13.833	146	138874	23.623	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.445	75	12467	29.723	ug/L		95
69) 1,3,5-Trichlorobenzene	14.592	180	95248	21.639	ug/L		98
70) 1,2,4-trichlorobenzene	15.098	180	86499	22.086	ug/L		98
71) Naphthalene	15.328	128	203252	27.107	ug/L		99
72) 1,2,3-Trichlorobenzene	15.522	180	75161	22.100	ug/L		99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062823\
Data File : VD076623.D
Acq On : 28 Jun 2023 18:25
Operator : KP/SY
Sample : 03422-13MS
Misc : 5.12G/10.0ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 29 01:31:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
A46K7MS

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023