Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101723\
Data File : BM042323.D
Acq On : 17 Oct 2023 16:33
Operator : MA/JU
Sample : 03573-04
Misc : SFAM-MDL-SOIL-02
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 18 02:01:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 15:38:21 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2023-06

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	126948	20.000	ng/ul	0.00
20) Naphthalene-d8	10.834	136	569981	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	342446	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.404	188	736937	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	708750	20.000	ng/ul	-0.01
88) Perylene-d12	24.062	264	745267	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	28186	6.937	ng/uL	0.00
4) Pyridine-d5	3.799	84	370482	30.789	ng/ul	0.00
7) Phenol-d5	7.157	99	400417	28.461	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.346	67	278547	29.301	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	278044	28.729	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	301096	27.024	ng/ul	0.00
21) Nitrobenzene-d5	9.204	128	139977	28.916	ng/ul	0.00
24) 2-Nitrophenol-d4	9.922	143	148358	28.670	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	255624	27.069	ng/ul	0.00
31) 4-Chloroaniline-d4	10.992	131	403893	27.164	ng/ul	0.00
46) Dimethylphthalate-d6	14.069	166	835318	28.139	ng/ul	0.00
49) Acenaphthylene-d8	14.357	160	962678	29.630	ng/ul	0.00
54) 4-Nitrophenol-d4	14.863	143	162202	27.166	ng/ul	-0.01
60) Fluorene-d10	15.645	176	720681	29.533	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.769	200	117247	22.712	ng/ul	0.00
73) Anthracene-d10	17.504	188	1092659	28.944	ng/ul	0.00
81) Pyrene-d10	19.798	212	1290915	29.885	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.898	264	1280845	31.311	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	5654	1.270	ng/uL	97
5) Pyridine	3.822	79	59120	4.746	ng/ul#	65
6) Benzaldehyde	7.169	77	46481	6.463	ng/ul	95
8) Phenol	7.181	94	64102	4.512	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.446	93	54933	4.656	ng/ul	95
12) 2-Chlorophenol	7.563	128	46150	4.565	ng/ul	97
13) 2-Methylphenol	8.446	108	41518	3.915	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.522	45	94710m	4.708	ng/ul	
16) Acetophenone	8.857	105	79581	4.601	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.822	70	44094	4.307	ng/ul	96
18) 4-Methylphenol	8.781	108	48317	4.134	ng/ul	99
19) Hexachloroethane	9.075	117	18884	4.428	ng/ul	92
22) Nitrobenzene	9.246	77	65970	4.818	ng/ul	96
23) Isophorone	9.757	82	111323	4.193	ng/ul	99
25) 2-Nitrophenol	9.951	139	24850	4.388	ng/ul	96
26) 2,4-Dimethylphenol	9.987	107	47686	3.962	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.245	93	76450	4.605	ng/ul	99
29) 2,4-Dichlorophenol	10.469	162	41033	4.449	ng/ul	93
30) Naphthalene	10.881	128	155786	4.663	ng/ul	100
32) 4-Chloroaniline	11.016	127	66141	4.602	ng/ul	100
33) Hexachlorobutadiene	11.110	225	24298	4.564	ng/ul	100
34) Caprolactam	11.845	113	21760	6.462	ng/ul	94
35) 4-Chloro-3-methylphenol	12.110	107	46092	4.057	ng/ul	98
36) 2-Methylnaphthalene	12.486	142	103676	4.533	ng/ul	100

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101723\
Data File : BM042323.D
Acq On : 17 Oct 2023 16:33
Operator : MA/JU
Sample : 03573-04
Misc : SFAM-MDL-SOIL-02
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 18 02:01:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 15:38:21 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2023-06

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.704	142	106349	4.601	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.834	216	48389	4.488	ng/ul	98
40) Hexachlorocyclopentadiene	12.781	237	33383	4.784	ng/ul	97
41) 2,4,6-Trichlorophenol	13.086	196	28785	3.993	ng/ul	93
42) 2,4,5-Trichlorophenol	13.157	196	31557	4.077	ng/ul	100
43) 1,1'-Biphenyl	13.492	154	136757	4.659	ng/ul	96
44) 2-Chloronaphthalene	13.539	162	106663	4.741	ng/ul	100
45) 2-Nitroaniline	13.775	65	30042	3.714	ng/ul	98
47) Dimethylphthalate	14.116	163	136124	4.608	ng/ul	99
48) 2,6-Dinitrotoluene	14.257	165	19159	3.583	ng/ul	95
50) Acenaphthylene	14.380	152	177627	4.734	ng/ul	99
51) 3-Nitroaniline	14.598	138	22251	3.530	ng/ul	95
52) Acenaphthene	14.716	153	118266	4.692	ng/ul	98
53) 2,4-Dinitrophenol	14.798	184	26136	7.221	ng/ul	95
55) 4-Nitrophenol	14.880	109	20879	4.311	ng/ul	98
56) Dibenzofuran	15.051	168	160181	4.730	ng/ul	100
57) 2,4-Dinitrotoluene	15.039	165	31592	4.007	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.269	232	25463	3.920	ng/ul	99
59) Diethylphthalate	15.463	149	134054	4.446	ng/ul	98
61) Fluorene	15.698	166	133251	4.745	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.692	204	62110	4.580	ng/ul	99
63) 4-Nitroaniline	15.757	138	25237	4.477	ng/ul#	73
66) 4,6-Dinitro-2-methylph...	15.786	198	21438	3.971	ng/ul#	86
67) N-Nitrosodiphenylamine	15.916	169	104762	4.468	ng/ul	99
68) 4-Bromophenyl-phenylether	16.586	248	33494	4.226	ng/ul	98
69) Hexachlorobenzene	16.669	284	40065	4.446	ng/ul	99
70) Atrazine	16.857	200	31119	3.868	ng/ul	97
71) Pentachlorophenol	17.033	266	34667	5.677	ng/ul	95
72) Phenanthrene	17.445	178	205806	4.553	ng/ul	99
74) Anthracene	17.539	178	204507	4.498	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.445	216	47223	4.325	ng/uL	95
76) Pentachlorobenzene	14.945	250	50513	4.711	ng/uL	96
77) Carbazole	17.821	167	179785	4.341	ng/ul	99
78) Di-n-butylphthalate	18.345	149	208069	3.969	ng/ul	99
80) Fluoranthene	19.457	202	218093	4.264	ng/ul	97
82) Pyrene	19.827	202	246759	4.588	ng/ul	97
83) Butylbenzylphthalate	20.704	149	85138	3.714	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.509	252	63243	3.736	ng/ul	97
85) Benzo(a)anthracene	21.568	228	231591	4.307	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	135491	4.000	ng/ul	99
87) Chrysene	21.621	228	218679	4.423	ng/ul	98
89) Di-n-octyl phthalate	22.398	149	225348	3.743	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	216814	4.281	ng/ul	96
91) Benzo(k)fluoranthene	23.339	252	221895m	4.430	ng/ul	
93) Benzo(a)pyrene	23.950	252	205236	4.331	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.650	276	238278	4.140	ng/ul	96
95) Dibenzo(a,h)anthracene	26.668	278	198245	4.152	ng/ul	98
96) Benzo(g,h,i)perylene	27.456	276	185522	4.121	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101723\
Data File : BM042323.D
Acq On : 17 Oct 2023 16:33
Operator : MA/JU
Sample : 03573-04
Misc : SFAM-MDL-SOIL-02
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 18 02:01:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 15:38:21 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2023-06

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023