Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031722\
Data File : BM034270.D
Acq On : 17 Mar 2022 11:10
Operator : CG/JU
Sample : N1645-03
Misc : MDL-MDL-SOIL 4ppm
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 17 12:19:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 16 02:38:26 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.948	152	149594	20.000	ng		0.00
21) Naphthalene-d8	10.760	136	633823	20.000	ng		0.00
39) Acenaphthene-d10	14.583	164	435849	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	906260	20.000	ng		0.00
76) Chrysene-d12	21.495	240	880547	20.000	ng		0.00
86) Perylene-d12	23.906	264	847470	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.496	112	1486719	178.291	ng		0.00
7) Phenol-d6	7.107	99	2111927	176.891	ng		0.00
23) Nitrobenzene-d5	9.107	82	1227524	94.292	ng		0.00
42) 2,4,6-Tribromophenol	16.071	330	1071653	182.419	ng		0.00
45) 2-Fluorobiphenyl	13.213	172	2995454	93.915	ng		0.00
79) Terphenyl-d14	19.942	244	4980926	98.290	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	17758	4.707	ng		96
3) Pyridine	3.772	79	36009	3.527	ng	#	92
4) n-Nitrosodimethylamine	3.672	42	20661	4.262	ng	#	98
6) Aniline	7.266	93	63839	4.679	ng		97
8) 2-Chlorophenol	7.507	128	41495	4.254	ng		93
9) Benzaldehyde	7.078	77	40989m	6.372	ng		
10) Phenol	7.131	94	51669	4.351	ng		96
11) bis(2-Chloroethyl)ether	7.366	93	43552	4.469	ng		99
12) 1,3-Dichlorobenzene	7.837	146	48472	4.381	ng		98
13) 1,4-Dichlorobenzene	7.984	146	49455	4.366	ng		97
14) 1,2-Dichlorobenzene	8.301	146	47840	4.333	ng		99
15) Benzyl Alcohol	8.184	79	36220	3.812	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.484	45	59335	4.436	ng		98
17) 2-Methylphenol	8.389	107	32997	3.968	ng		97
18) Hexachloroethane	9.037	117	17654	4.226	ng		98
19) n-Nitroso-di-n-propyla...	8.754	70	36456	4.221	ng		97
20) 3+4-Methylphenols	8.713	107	42868	3.727	ng		96
22) Acetophenone	8.766	105	68281	4.198	ng	#	93
24) Nitrobenzene	9.148	77	57701	4.747	ng		97
25) Isophorone	9.678	82	96305	4.421	ng		98
26) 2-Nitrophenol	9.866	139	17979	3.336	ng		98
27) 2,4-Dimethylphenol	9.925	122	36282	4.299	ng		100
28) bis(2-Chloroethoxy)met...	10.166	93	56509	4.052	ng		98
29) 2,4-Dichlorophenol	10.401	162	35086	3.578	ng		98
30) 1,2,4-Trichlorobenzene	10.619	180	46536	4.175	ng		98
31) Naphthalene	10.807	128	142018	4.301	ng		98
32) Benzoic acid	9.983	122	15860m	2.272	ng		
33) 4-Chloroaniline	10.913	127	48403	3.716	ng		97
34) Hexachlorobutadiene	11.107	225	29502	4.179	ng		96
35) Caprolactam	11.672	113	11220	3.291	ng		87
36) 4-Chloro-3-methylphenol	12.036	107	40965	3.645	ng		98
37) 2-Methylnaphthalene	12.419	142	98661	4.187	ng		99
38) 1-Methylnaphthalene	12.636	142	98487	4.273	ng		93
40) 1,2,4,5-Tetrachloroben...	12.783	216	53791	4.090	ng		99
41) Hexachlorocyclopentadiene	12.772	237	32243	4.234	ng		97
43) 2,4,6-Trichlorophenol	13.024	196	31012	3.415	ng		95

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031722\
Data File : BM034270.D
Acq On : 17 Mar 2022 11:10
Operator : CG/JU
Sample : N1645-03
Misc : MDL-MDL-SOIL 4ppm
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

Quant Time: Mar 17 12:19:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 16 02:38:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.089	196	34245	3.513	ng		97
46) 1,1'-Biphenyl	13.424	154	142074	4.275	ng		100
47) 2-Chloronaphthalene	13.466	162	105377	4.131	ng		99
48) 2-Nitroaniline	13.660	65	23580	3.024	ng		94
49) Acenaphthylene	14.307	152	166500	4.188	ng		98
50) Dimethylphthalate	14.036	163	136742	4.122	ng		99
51) 2,6-Dinitrotoluene	14.154	165	26383	3.878	ng		99
52) Acenaphthene	14.648	154	107074	3.998	ng		99
53) 3-Nitroaniline	14.483	138	19161	2.807	ng		100
55) Dibenzofuran	14.977	168	165985	4.159	ng		99
56) 4-Nitrophenol	14.783	139	12411m	2.243	ng		
57) 2,4-Dinitrotoluene	14.936	165	31307	3.404	ng	#	95
58) Fluorene	15.630	166	130919	4.041	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.207	232	32472	3.694	ng		99
60) Diethylphthalate	15.395	149	137653	4.045	ng		99
61) 4-Chlorophenyl-phenyle...	15.618	204	67579	4.085	ng		99
62) 4-Nitroaniline	15.636	138	16862m	2.568	ng		
63) Azobenzene	15.913	77	126260	3.847	ng		99
65) 4,6-Dinitro-2-methylph...	15.701	198	13976	2.372	ng		95
66) n-Nitrosodiphenylamine	15.830	169	113059	3.927	ng		99
67) 4-Bromophenyl-phenylether	16.512	248	40922	3.928	ng		98
68) Hexachlorobenzene	16.636	284	47800	4.114	ng		99
69) Atrazine	16.777	200	39366	4.148	ng		99
70) Pentachlorophenol	16.971	266	23678	3.186	ng		96
71) Phenanthrene	17.365	178	212872	4.194	ng		98
72) Anthracene	17.454	178	203006	4.110	ng		99
73) Carbazole	17.724	167	158146	3.433	ng		98
74) Di-n-butylphthalate	18.289	149	212925	3.718	ng		98
75) Fluoranthene	19.377	202	237154	4.168	ng		99
77) Benzidine	19.565	184	49727m	3.854	ng		
78) Pyrene	19.736	202	247710	3.993	ng		99
80) Butylbenzylphthalate	20.630	149	88053	3.356	ng		98
81) Benzo(a)anthracene	21.477	228	224046	4.031	ng		100
82) 3,3'-Dichlorobenzidine	21.412	252	61877	3.333	ng	#	96
83) Chrysene	21.530	228	238535	4.203	ng		99
84) Bis(2-ethylhexyl)phtha...	21.412	149	137232	3.542	ng		99
85) Di-n-octyl phthalate	22.336	149	223859	3.640	ng		99
87) Indeno(1,2,3-cd)pyrene	26.424	276	167316	3.069	ng		98
88) Benzo(b)fluoranthene	23.171	252	201186	3.970	ng		98
89) Benzo(k)fluoranthene	23.218	252	224876	4.189	ng		98
90) Benzo(a)pyrene	23.800	252	183004	4.260	ng		99
91) Dibenzo(a,h)anthracene	26.441	278	124061	2.807	ng		99
92) Benzo(g,h,i)perylene	27.188	276	154256	3.371	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031722\
Data File : BM034270.D
Acq On : 17 Mar 2022 11:10
Operator : CG/JU
Sample : N1645-03
Misc : MDL-MDL-SOIL 4ppm
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 17 12:19:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 16 02:38:26 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022