Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032621\
Data File : BM029233.D
Acq On : 26 Mar 2021 14:30
Operator : CG/JU
Sample : M1458-02
Misc : LOQ--SOIL-5PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations APPROVED
mohammad
3/29/2021 3:27:04 PM

Quant Time: Mar 26 15:05:11 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 26 12:33:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	71333	20.00	ng		0.00
21) Naphthalene-d8	10.534	136	270770	20.00	ng		0.00
39) Acenaphthene-d10	14.380	164	155134	20.00	ng		0.00
64) Phenanthrene-d10	17.116	188	322021	20.00	ng		-0.01
76) Chrysene-d12	21.286	240	337523	20.00	ng		-0.01
86) Perylene-d12	23.521	264	357979	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	342558	82.78	ng		0.00
7) Phenol-d6	6.922	99	476772	80.29	ng		0.00
23) Nitrobenzene-d5	8.904	82	369953	66.34	ng		0.00
42) 2,4,6-Tribromophenol	15.863	330	113886	79.27	ng		-0.01
45) 2-Fluorobiphenyl	13.004	172	754220	68.96	ng		0.00
79) Terphenyl-d14	19.739	244	1115913	66.42	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	11288	6.00	ng		93
3) Pyridine	3.716	79	21978	4.85	ng	#	88
4) n-Nitrosodimethylamine	3.628	42	9653m	4.74	ng		
6) Aniline	7.087	93	40036	6.22	ng		99
8) 2-Chlorophenol	7.322	128	25605	5.48	ng		98
9) Benzaldehyde	6.904	77	25107	6.73	ng		99
10) Phenol	6.946	94	33603	5.73	ng		96
11) bis(2-Chloroethyl)ether	7.187	93	24015	5.72	ng		96
12) 1,3-Dichlorobenzene	7.646	146	29411	5.63	ng		89
13) 1,4-Dichlorobenzene	7.793	146	30512	5.76	ng		97
14) 1,2-Dichlorobenzene	8.104	146	28128	5.53	ng		90
15) Benzyl Alcohol	7.993	79	22210	5.17	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.287	45	38739	6.02	ng		95
17) 2-Methylphenol	8.193	107	18471	4.90	ng		98
18) Hexachloroethane	8.828	117	10353	5.38	ng		98
19) n-Nitroso-di-n-propyla...	8.557	70	19433	5.07	ng		97
20) 3+4-Methylphenols	8.516	107	25207	5.00	ng		93
22) Acetophenone	8.569	105	36464	5.38	ng	#	99
24) Nitrobenzene	8.945	77	34722	5.96	ng		98
25) Isophorone	9.469	82	45857	4.79	ng		97
26) 2-Nitrophenol	9.657	139	7859	4.05	ng	#	85
27) 2,4-Dimethylphenol	9.710	122	20215	5.43	ng		95
28) bis(2-Chloroethoxy)met...	9.951	93	30914	6.10	ng		94
29) 2,4-Dichlorophenol	10.181	162	18955	4.68	ng		95
30) 1,2,4-Trichlorobenzene	10.404	180	24830	5.40	ng		97
31) Naphthalene	10.587	128	80742	5.66	ng		99
32) Benzoic acid	9.763	122	3844	1.78	ng		94
33) 4-Chloroaniline	10.692	127	30091	5.33	ng		98
34) Hexachlorobutadiene	10.875	225	13513	5.06	ng		91
35) Caprolactam	11.463	113	3821m	3.11	ng		
36) 4-Chloro-3-methylphenol	11.810	107	20040	4.64	ng		93
37) 2-Methylnaphthalene	12.198	142	53316	5.34	ng		96
38) 1-Methylnaphthalene	12.416	142	49546	5.22	ng		97
40) 1,2,4,5-Tetrachloroben...	12.569	216	24991	5.75	ng		98
41) Hexachlorocyclopentadiene	12.551	237	14030	5.88	ng		97
43) 2,4,6-Trichlorophenol	12.804	196	11610	4.10	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032621\
Data File : BM029233.D
Acq On : 26 Mar 2021 14:30
Operator : CG/JU
Sample : M1458-02
Misc : LOQ--SOIL-5PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations APPROVED
mohammad
3/29/2021 3:27:04 PM

Quant Time: Mar 26 15:05:11 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 26 12:33:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	14694	4.67	ng		93
46) 1,1'-Biphenyl	13.216	154	67963	5.76	ng		97
47) 2-Chloronaphthalene	13.251	162	53230	5.73	ng		98
48) 2-Nitroaniline	13.457	65	11785	4.33	ng		91
49) Acenaphthylene	14.104	152	72903	5.16	ng		98
50) Dimethylphthalate	13.839	163	62534	5.77	ng		98
51) 2,6-Dinitrotoluene	13.951	165	10427	4.45	ng	#	80
52) Acenaphthene	14.445	154	51858	5.78	ng		95
53) 3-Nitroaniline	14.280	138	10284	4.33	ng		95
54) 2,4-Dinitrophenol	14.480	184	3621	3.09	ng		93
55) Dibenzofuran	14.780	168	79893	5.66	ng		99
56) 4-Nitrophenol	14.580	139	7058	3.25	ng		94
57) 2,4-Dinitrotoluene	14.739	165	12310	3.99	ng		95
58) Fluorene	15.427	166	62286	5.44	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.998	232	11543	4.48	ng		98
60) Diethylphthalate	15.204	149	59891	5.61	ng		97
61) 4-Chlorophenyl-phenyle...	15.427	204	30326	5.74	ng		97
62) 4-Nitroaniline	15.439	138	9664	3.87	ng		87
63) Azobenzene	15.716	77	62190	5.09	ng		97
65) 4,6-Dinitro-2-methylph...	15.498	198	5627	3.13	ng		90
66) n-Nitrosodiphenylamine	15.633	169	51850	5.03	ng		97
67) 4-Bromophenyl-phenylether	16.316	248	14584	4.94	ng		97
68) Hexachlorobenzene	16.427	284	18614	5.36	ng		94
69) Atrazine	16.586	200	13209	4.06	ng		95
70) Pentachlorophenol	16.768	266	7376	3.45	ng		95
71) Phenanthrene	17.157	178	101844	5.45	ng		99
72) Anthracene	17.251	178	94005	5.18	ng		99
73) Carbazole	17.515	167	83729	4.69	ng		98
74) Di-n-butylphthalate	18.092	149	74299	4.31	ng		99
75) Fluoranthene	19.168	202	104625	5.07	ng		98
77) Benzidine	19.357	184	34387	3.53	ng		98
78) Pyrene	19.533	202	112372	4.92	ng		97
80) Butylbenzylphthalate	20.439	149	28444	3.68	ng		95
81) Benzo(a)anthracene	21.268	228	108275	4.92	ng		98
82) 3,3'-Dichlorobenzidine	21.209	252	31531	4.79	ng		98
83) Chrysene	21.321	228	114443	5.19	ng		98
84) Bis(2-ethylhexyl)phtha...	21.215	149	42262	3.81	ng		98
85) Di-n-octyl phthalate	22.086	149	65297	3.63	ng		96
87) Indeno(1,2,3-cd)pyrene	25.780	276	142985	5.46	ng		100
88) Benzo(b)fluoranthene	22.850	252	115998	4.98	ng		99
89) Benzo(k)fluoranthene	22.892	252	119089	5.26	ng		99
90) Benzo(a)pyrene	23.421	252	101557	4.81	ng		98
91) Dibenzo(a,h)anthracene	25.791	278	116806	5.21	ng		98
92) Benzo(g,h,i)perylene	26.462	276	118170	5.38	ng		96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032621\
Data File : BM029233.D
Acq On : 26 Mar 2021 14:30
Operator : CG/JU
Sample : M1458-02
Misc : LOQ--SOIL-5PPM
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 26 15:05:11 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 26 12:33:48 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations APPROVED
mohammad
3/29/2021 3:27:04 PM