Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032621\
Data File : BM029228.D
Acq On : 26 Mar 2021 11:21
Operator : CG/JU
Sample : M1458-01
Misc : LOD-MDL-SOIL-4PPM
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 26 12:04:04 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 25 16:05:40 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations APPROVED

mohammad

3/26/2021 1:31:30 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	68621	20.00	ng		0.00
21) Naphthalene-d8	10.534	136	264571	20.00	ng		0.00
39) Acenaphthene-d10	14.380	164	155434	20.00	ng		0.00
64) Phenanthrene-d10	17.115	188	318326	20.00	ng		-0.01
76) Chrysene-d12	21.286	240	328520	20.00	ng		-0.01
86) Perylene-d12	23.521	264	335580	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	358604	90.08	ng		0.00
7) Phenol-d6	6.922	99	508527	89.02	ng		0.00
23) Nitrobenzene-d5	8.904	82	324356	59.52	ng		0.00
42) 2,4,6-Tribromophenol	15.863	330	126746	88.05	ng		-0.01
45) 2-Fluorobiphenyl	13.004	172	683776	62.40	ng		0.00
79) Terphenyl-d14	19.739	244	981973	60.05	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	7259	4.01	ng	#	84
3) Pyridine	3.722	79	17610	4.04	ng	#	82
4) n-Nitrosodimethylamine	3.634	42	8093m	4.13	ng		
6) Aniline	7.087	93	29983	4.84	ng		95
8) 2-Chlorophenol	7.322	128	19322	4.30	ng		92
9) Benzaldehyde	6.904	77	18983	5.29	ng		95
10) Phenol	6.946	94	24637	4.37	ng		93
11) bis(2-Chloroethyl)ether	7.187	93	17411	4.31	ng		99
12) 1,3-Dichlorobenzene	7.646	146	21963	4.37	ng		89
13) 1,4-Dichlorobenzene	7.793	146	22732	4.46	ng		99
14) 1,2-Dichlorobenzene	8.104	146	21592	4.41	ng		98
15) Benzyl Alcohol	7.993	79	16281	3.94	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.281	45	28447	4.59	ng		94
17) 2-Methylphenol	8.193	107	13811	3.81	ng		92
18) Hexachloroethane	8.828	117	7926	4.28	ng		93
19) n-Nitroso-di-n-propyla...	8.557	70	14086	3.82	ng		94
20) 3+4-Methylphenols	8.510	107	18759	3.86	ng		93
22) Acetophenone	8.575	105	27432	4.14	ng	#	96
24) Nitrobenzene	8.945	77	25731	4.52	ng		96
25) Isophorone	9.469	82	33716	3.60	ng		95
26) 2-Nitrophenol	9.657	139	6001	3.16	ng		89
27) 2,4-Dimethylphenol	9.710	122	15478	4.26	ng		93
28) bis(2-Chloroethoxy)met...	9.957	93	22635	4.57	ng	#	95
29) 2,4-Dichlorophenol	10.187	162	13088	3.31	ng		96
30) 1,2,4-Trichlorobenzene	10.398	180	19276	4.29	ng		94
31) Naphthalene	10.586	128	60013	4.30	ng		98
32) Benzoic acid	9.751	122	3965	6.00	ng	#	76
33) 4-Chloroaniline	10.692	127	21270	3.86	ng		93
34) Hexachlorobutadiene	10.875	225	10618	4.07	ng		98
35) Caprolactam	11.457	113	2641	6.69	ng	#	72
36) 4-Chloro-3-methylphenol	11.810	107	14274	3.38	ng		99
37) 2-Methylnaphthalene	12.198	142	40185	4.12	ng		96
38) 1-Methylnaphthalene	12.416	142	37273	4.02	ng		96
40) 1,2,4,5-Tetrachloroben...	12.569	216	18445	4.23	ng		98
41) Hexachlorocyclopentadiene	12.551	237	10826	4.53	ng		96
43) 2,4,6-Trichlorophenol	12.810	196	9353	3.30	ng		93

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032621\
Data File : BM029228.D
Acq On : 26 Mar 2021 11:21
Operator : CG/JU
Sample : M1458-01
Misc : LOD-MDL-SOIL-4PPM
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 26 12:04:04 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 25 16:05:40 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations APPROVED

mohammad

3/26/2021 1:31:30 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	10341	3.28	ng		97
46) 1,1'-Biphenyl	13.216	154	52801	4.47	ng		98
47) 2-Chloronaphthalene	13.251	162	39153	4.21	ng		97
48) 2-Nitroaniline	13.457	65	8945	6.02	ng		93
49) Acenaphthylene	14.104	152	54404	3.84	ng		99
50) Dimethylphthalate	13.839	163	46690	4.30	ng		99
51) 2,6-Dinitrotoluene	13.951	165	7945	3.38	ng		91
52) Acenaphthene	14.445	154	39830m	4.43	ng		
53) 3-Nitroaniline	14.280	138	7569	3.18	ng		92
54) 2,4-Dinitrophenol	14.480	184	2691	8.51	ng		96
55) Dibenzofuran	14.780	168	60806	4.30	ng		97
56) 4-Nitrophenol	14.580	139	4939	2.27	ng	#	87
57) 2,4-Dinitrotoluene	14.739	165	8794	5.56	ng	#	90
58) Fluorene	15.427	166	46910	4.09	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.004	232	8191	3.17	ng	#	96
60) Diethylphthalate	15.204	149	44117	4.12	ng	#	96
61) 4-Chlorophenyl-phenyle...	15.427	204	22505	4.25	ng		92
62) 4-Nitroaniline	15.433	138	6974	5.86	ng		89
63) Azobenzene	15.716	77	45048	3.68	ng		97
65) 4,6-Dinitro-2-methylph...	15.498	198	3925	7.15	ng		94
66) n-Nitrosodiphenylamine	15.633	169	39353	3.86	ng		96
67) 4-Bromophenyl-phenylether	16.316	248	11135	3.82	ng		99
68) Hexachlorobenzene	16.427	284	13880	4.04	ng		93
69) Atrazine	16.586	200	10026	3.12	ng		94
70) Pentachlorophenol	16.763	266	5331	2.52	ng		96
71) Phenanthrene	17.157	178	78771	4.27	ng		98
72) Anthracene	17.251	178	70043	3.91	ng		100
73) Carbazole	17.515	167	62152	3.52	ng		99
74) Di-n-butylphthalate	18.092	149	54109	3.18	ng		99
75) Fluoranthene	19.168	202	77225	3.79	ng		98
77) Benzidine	19.357	184	18269	1.92	ng		96
78) Pyrene	19.533	202	82161	3.69	ng		100
80) Butylbenzylphthalate	20.439	149	21266	5.91	ng		98
81) Benzo(a)anthracene	21.268	228	82809	3.86	ng		99
82) 3,3'-Dichlorobenzidine	21.203	252	21806	3.40	ng		96
83) Chrysene	21.321	228	84599	3.94	ng		98
84) Bis(2-ethylhexyl)phtha...	21.215	149	27640	5.66	ng		98
85) Di-n-octyl phthalate	22.092	149	43464	6.05	ng		96
87) Indeno(1,2,3-cd)pyrene	25.780	276	97173	3.96	ng		99
88) Benzo(b)fluoranthene	22.850	252	83120	3.81	ng		99
89) Benzo(k)fluoranthene	22.892	252	84533	3.99	ng		99
90) Benzo(a)pyrene	23.421	252	69318	3.51	ng		98
91) Dibenzo(a,h)anthracene	25.791	278	80934	3.85	ng		98
92) Benzo(g,h,i)perylene	26.468	276	82790	4.02	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032621\
Data File : BM029228.D
Acq On : 26 Mar 2021 11:21
Operator : CG/JU
Sample : M1458-01
Misc : LOD-MDL-SOIL-4PPM
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 26 12:04:04 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 25 16:05:40 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations APPROVED