Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031221\
Data File : BM029110.D
Acq On : 12 Mar 2021 14:20
Operator : CG/JU
Sample : PB135109BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB135109BSD

Manual Integrations APPROVED
mohammad
3/15/2021 11:31:55 AM

Quant Time: Mar 12 14:56:32 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 12 12:30:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.622	152	9142	20.00	ng		0.00
21) Naphthalene-d8	10.410	136	34501	20.00	ng	#	0.00
39) Acenaphthene-d10	14.292	164	19503	20.00	ng		0.00
64) Phenanthrene-d10	17.045	188	38019	20.00	ng	#	0.00
76) Chrysene-d12	21.221	240	36885	20.00	ng	#	0.00
86) Perylene-d12	23.362	264	33163	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.199	112	60346	109.41	ng		0.00
7) Phenol-d6	6.822	99	72865	100.02	ng		0.00
23) Nitrobenzene-d5	8.798	82	39146	61.22	ng		0.00
42) 2,4,6-Tribromophenol	15.798	330	23679	102.44	ng		0.00
45) 2-Fluorobiphenyl	12.904	172	87331	59.61	ng		0.00
79) Terphenyl-d14	19.668	244	106441	53.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.052	88	8319	40.12	ng	#	52
3) Pyridine	3.469	79	21035	38.44	ng	#	33
4) n-Nitrosodimethylamine	3.387	42	16277	53.24	ng	#	41
6) Aniline	6.963	93	25162	32.30	ng		98
8) 2-Chlorophenol	7.193	128	26526	40.49	ng		96
9) Benzaldehyde	6.775	77	6482	16.32	ng		84
10) Phenol	6.851	94	29287	40.46	ng		95
11) bis(2-Chloroethyl)ether	7.063	93	22289	40.58	ng		91
12) 1,3-Dichlorobenzene	7.504	146	29370	41.11	ng		95
13) 1,4-Dichlorobenzene	7.657	146	29985	41.38	ng		96
14) 1,2-Dichlorobenzene	7.969	146	28692	41.15	ng		97
15) Benzyl Alcohol	7.887	79	21310	40.91	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.151	45	39582	46.80	ng		67
17) 2-Methylphenol	8.093	107	20236	41.16	ng		93
18) Hexachloroethane	8.681	117	11666	44.31	ng		88
19) n-Nitroso-di-n-propyla...	8.445	70	17372	40.54	ng	#	48
20) 3+4-Methylphenols	8.428	107	27150	41.05	ng		93
22) Acetophenone	8.463	105	37102	44.10	ng	#	82
24) Nitrobenzene	8.840	77	26884	41.35	ng	#	86
25) Isophorone	9.363	82	45891	40.78	ng		95
26) 2-Nitrophenol	9.545	139	13946	42.46	ng		90
27) 2,4-Dimethylphenol	9.616	122	21564	43.76	ng		91
28) bis(2-Chloroethoxy)met...	9.845	93	28054	43.88	ng		98
29) 2,4-Dichlorophenol	10.081	162	23145	41.05	ng		99
30) 1,2,4-Trichlorobenzene	10.281	180	25930	41.94	ng		97
31) Naphthalene	10.463	128	76177	40.05	ng		99
32) Benzoic acid	9.810	122	15500	43.88	ng	#	84
33) 4-Chloroaniline	10.598	127	18917	24.74	ng		93
34) Hexachlorobutadiene	10.728	225	16095	43.42	ng		98
35) Caprolactam	11.404	113	6144	39.83	ng	#	42
36) 4-Chloro-3-methylphenol	11.745	107	23589	41.51	ng		95
37) 2-Methylnaphthalene	12.086	142	53955	40.31	ng		99
38) 1-Methylnaphthalene	12.310	142	50136	39.55	ng		100
40) 1,2,4,5-Tetrachloroben...	12.463	216	26212	42.99	ng		99
41) Hexachlorocyclopentadiene	12.422	237	21367	91.92	ng		96
43) 2,4,6-Trichlorophenol	12.722	196	17707	41.43	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031221\
Data File : BM029110.D
Acq On : 12 Mar 2021 14:20
Operator : CG/JU
Sample : PB135109BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB135109BSD

Manual Integrations APPROVED
mohammad
3/15/2021 11:31:55 AM

Quant Time: Mar 12 14:56:32 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 12 12:30:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	18765	40.90	ng	#	95
46) 1,1'-Biphenyl	13.116	154	65790	42.06	ng		98
47) 2-Chloronaphthalene	13.163	162	51684	40.48	ng		96
48) 2-Nitroaniline	13.392	65	15288	44.52	ng		93
49) Acenaphthylene	14.016	152	79970	40.78	ng		100
50) Dimethylphthalate	13.769	163	63111	42.70	ng		99
51) 2,6-Dinitrotoluene	13.898	165	13552	39.33	ng		94
52) Acenaphthene	14.357	154	47454	39.46	ng		98
53) 3-Nitroaniline	14.233	138	9731	28.98	ng		87
54) 2,4-Dinitrophenol	14.463	184	15058	85.43	ng		97
55) Dibenzofuran	14.698	168	75410	39.94	ng		98
56) 4-Nitrophenol	14.569	139	21241	77.12	ng		94
57) 2,4-Dinitrotoluene	14.698	165	18735	41.62	ng	#	74
58) Fluorene	15.351	166	60553	40.01	ng		96
59) 2,3,4,6-Tetrachlorophenol	14.939	232	14708m	39.89	ng		
60) Diethylphthalate	15.133	149	63998	43.04	ng		98
61) 4-Chlorophenyl-phenyle...	15.345	204	30707	42.53	ng		93
62) 4-Nitroaniline	15.404	138	12123	37.35	ng		99
63) Azobenzene	15.639	77	57323	41.78	ng	#	83
65) 4,6-Dinitro-2-methylph...	15.469	198	10018	37.42	ng	#	66
66) n-Nitrosodiphenylamine	15.569	169	50915	39.15	ng		99
67) 4-Bromophenyl-phenylether	16.239	248	17116	40.12	ng	#	89
68) Hexachlorobenzene	16.351	284	19529	41.08	ng		94
69) Atrazine	16.527	200	15299	37.81	ng		95
70) Pentachlorophenol	16.704	266	21596	84.93	ng		99
71) Phenanthrene	17.086	178	89613	39.58	ng		99
72) Anthracene	17.174	178	91187	40.66	ng		99
73) Carbazole	17.457	167	81315	37.79	ng		98
74) Di-n-butylphthalate	18.010	149	107662	44.00	ng		100
75) Fluoranthene	19.104	202	100076	40.22	ng		99
77) Benzidine	19.304	184	33764	27.78	ng		100
78) Pyrene	19.468	202	102516	37.83	ng		100
80) Butylbenzylphthalate	20.368	149	48215	41.33	ng		95
81) Benzo(a)anthracene	21.209	228	100062	39.09	ng		100
82) 3,3'-Dichlorobenzidine	21.151	252	30791	34.82	ng	#	97
83) Chrysene	21.262	228	97208	38.97	ng		98
84) Bis(2-ethylhexyl)phtha...	21.133	149	73916	44.03	ng	#	96
85) Di-n-octyl phthalate	21.986	149	129057	45.31	ng	#	88
87) Indeno(1,2,3-cd)pyrene	25.503	276	118100	47.19	ng	#	91
88) Benzo(b)fluoranthene	22.727	252	104251	44.50	ng	#	97
89) Benzo(k)fluoranthene	22.768	252	97629	43.87	ng	#	98
90) Benzo(a)pyrene	23.274	252	91705	42.90	ng	#	98
91) Dibenzo(a,h)anthracene	25.503	278	102052	46.92	ng	#	95
92) Benzo(g,h,i)perylene	26.150	276	98170	46.75	ng	#	93

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031221\
Data File : BM029110.D
Acq On : 12 Mar 2021 14:20
Operator : CG/JU
Sample : PB135109BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 12 14:56:32 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 12 12:30:15 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB135109BSD

Manual Integrations APPROVED
mohammad
3/15/2021 11:31:55 AM