Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031221\
Data File : BM029111.D
Acq On : 12 Mar 2021 14:57
Operator : CG/JU
Sample : PB135132BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB135132BS

Manual Integrations APPROVED
mohammad
3/15/2021 11:31:57 AM

Quant Time: Mar 12 15:29:11 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	8493	20.00	ng		0.00
21) Naphthalene-d8	10.410	136	33166	20.00	ng		# 0.00
39) Acenaphthene-d10	14.292	164	18751	20.00	ng		0.00
64) Phenanthrene-d10	17.045	188	36025	20.00	ng		0.00
76) Chrysene-d12	21.221	240	35662	20.00	ng		# 0.00
86) Perylene-d12	23.362	264	33561	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.199	112	63673	124.27	ng		0.00
7) Phenol-d6	6.822	99	77501	114.51	ng		0.00
23) Nitrobenzene-d5	8.798	82	42775	69.58	ng		0.00
42) 2,4,6-Tribromophenol	15.798	330	25395	114.27	ng		0.00
45) 2-Fluorobiphenyl	12.904	172	95502	67.80	ng		0.00
79) Terphenyl-d14	19.668	244	118056	61.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.052	88	8041	41.74	ng	#	54
3) Pyridine	3.469	79	20823	40.96	ng	#	29
4) n-Nitrosodimethylamine	3.387	42	16499	58.09	ng	#	39
6) Aniline	6.963	93	22776	31.47	ng		98
8) 2-Chlorophenol	7.193	128	26242	43.12	ng		96
9) Benzaldehyde	6.775	77	7084	19.20	ng		84
10) Phenol	6.851	94	29063	43.21	ng		97
11) bis(2-Chloroethyl)ether	7.063	93	22147	43.41	ng		91
12) 1,3-Dichlorobenzene	7.504	146	28763	43.33	ng		95
13) 1,4-Dichlorobenzene	7.657	146	28727	42.67	ng		97
14) 1,2-Dichlorobenzene	7.969	146	27840	42.98	ng		99
15) Benzyl Alcohol	7.887	79	20831	43.04	ng	#	91
16) 2,2'-oxybis(1-Chloropr...	8.163	45	38208	48.63	ng		68
17) 2-Methylphenol	8.092	107	20288	44.42	ng		93
18) Hexachloroethane	8.681	117	11094	45.36	ng		92
19) n-Nitroso-di-n-propyla...	8.445	70	17169	43.13	ng	#	50
20) 3+4-Methylphenols	8.428	107	26590	43.27	ng		93
22) Acetophenone	8.463	105	36161	44.71	ng	#	81
24) Nitrobenzene	8.839	77	26419	42.27	ng	#	87
25) Isophorone	9.363	82	45111	41.71	ng	#	95
26) 2-Nitrophenol	9.545	139	13458	42.63	ng		93
27) 2,4-Dimethylphenol	9.616	122	21103	44.55	ng		91
28) bis(2-Chloroethoxy)met...	9.845	93	27729	45.12	ng		99
29) 2,4-Dichlorophenol	10.081	162	23126	42.67	ng		97
30) 1,2,4-Trichlorobenzene	10.281	180	25586	43.05	ng		99
31) Naphthalene	10.463	128	74995	41.01	ng		99
32) Benzoic acid	9.810	122	15272	44.97	ng	#	86
33) 4-Chloroaniline	10.598	127	18224	24.80	ng		93
34) Hexachlorobutadiene	10.728	225	15427	43.29	ng		96
35) Caprolactam	11.404	113	6041	40.74	ng	#	38
36) 4-Chloro-3-methylphenol	11.745	107	23132	42.35	ng		94
37) 2-Methylnaphthalene	12.086	142	52895	41.11	ng		98
38) 1-Methylnaphthalene	12.310	142	48991	40.20	ng		99
40) 1,2,4,5-Tetrachloroben...	12.463	216	25604	43.67	ng		99
41) Hexachlorocyclopentadiene	12.422	237	21953	98.23	ng		95
43) 2,4,6-Trichlorophenol	12.722	196	17272	42.03	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	18122	41.09	ng		95
46) 1,1'-Biphenyl	13.122	154	64313	42.77	ng		99
47) 2-Chloronaphthalene	13.163	162	51665	42.09	ng		97
48) 2-Nitroaniline	13.392	65	15449	46.79	ng		92
49) Acenaphthylene	14.016	152	78598	41.69	ng		99
50) Dimethylphthalate	13.769	163	61423	43.23	ng		98
51) 2,6-Dinitrotoluene	13.898	165	13565	40.94	ng		94
52) Acenaphthene	14.357	154	46625	40.33	ng		96
53) 3-Nitroaniline	14.233	138	9095	28.17	ng		90
54) 2,4-Dinitrophenol	14.463	184	14660	86.51	ng		94
55) Dibenzofuran	14.698	168	74622	41.11	ng		98
56) 4-Nitrophenol	14.569	139	20937	79.07	ng		92
57) 2,4-Dinitrotoluene	14.698	165	18379	42.47	ng	#	77
58) Fluorene	15.351	166	58960	40.52	ng		95
59) 2,3,4,6-Tetrachlorophenol	14.933	232	14808m	41.77	ng		
60) Diethylphthalate	15.133	149	62875	43.98	ng		97
61) 4-Chlorophenyl-phenyle...	15.345	204	29211	42.08	ng		91
62) 4-Nitroaniline	15.404	138	12136	38.89	ng		97
63) Azobenzene	15.639	77	56127	42.55	ng	#	84
65) 4,6-Dinitro-2-methylph...	15.468	198	10002	39.43	ng	#	69
66) n-Nitrosodiphenylamine	15.568	169	50470	40.95	ng		98
67) 4-Bromophenyl-phenylether	16.239	248	16990	42.03	ng	#	87
68) Hexachlorobenzene	16.351	284	18753	41.63	ng	#	93
69) Atrazine	16.527	200	14742	38.45	ng		96
70) Pentachlorophenol	16.704	266	21241	88.15	ng		99
71) Phenanthrene	17.086	178	87880	40.97	ng		99
72) Anthracene	17.174	178	89364	42.05	ng		99
73) Carbazole	17.457	167	80623	39.54	ng		98
74) Di-n-butylphthalate	18.009	149	105341	45.44	ng		100
75) Fluoranthene	19.104	202	99010	42.00	ng		100
77) Benzidine	19.304	184	33228	28.27	ng		99
78) Pyrene	19.468	202	101002	38.55	ng		99
80) Butylbenzylphthalate	20.368	149	47893	42.47	ng		94
81) Benzo(a)anthracene	21.209	228	98493	39.80	ng		99
82) 3,3'-Dichlorobenzidine	21.145	252	27856	32.58	ng	#	98
83) Chrysene	21.256	228	96660	40.08	ng		99
84) Bis(2-ethylhexyl)phtha...	21.133	149	72160	44.46	ng	#	98
85) Di-n-octyl phthalate	21.986	149	127925	46.46	ng	#	88
87) Indeno(1,2,3-cd)pyrene	25.503	276	118145	46.65	ng	#	92
88) Benzo(b)fluoranthene	22.727	252	100066	42.21	ng	#	96
89) Benzo(k)fluoranthene	22.768	252	100719	44.72	ng	#	96
90) Benzo(a)pyrene	23.274	252	91370	42.24	ng	#	98
91) Dibenzo(a,h)anthracene	25.503	278	100678	45.74	ng	#	96
92) Benzo(g,h,i)perylene	26.156	276	96727	45.51	ng	#	94

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

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