Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040121\
Data File : BM029310.D
Acq On : 01 Apr 2021 18:13
Operator : CG/JU
Sample : PB135399BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 01 19:09:36 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 16:52:48 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB135399BS

Manual Integrations APPROVED
mohammad
4/2/2021 12:09:04 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.704	152	117810	20.00	ng		0.00
21) Naphthalene-d8	10.486	136	452908	20.00	ng		0.00
39) Acenaphthene-d10	14.339	164	251058	20.00	ng		0.00
64) Phenanthrene-d10	17.074	188	437906	20.00	ng		0.00
76) Chrysene-d12	21.250	240	382310	20.00	ng		0.00
86) Perylene-d12	23.462	264	380798	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.299	112	1023578	143.45	ng		0.00
7) Phenol-d6	6.881	99	1302743	129.33	ng		0.00
23) Nitrobenzene-d5	8.857	82	894517	90.55	ng		0.00
42) 2,4,6-Tribromophenol	15.827	330	333761	133.01	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	1691387	93.86	ng		0.00
79) Terphenyl-d14	19.703	244	1921439	95.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.234	88	106595	34.37	ng		97
3) Pyridine	3.628	79	315106	40.20	ng		98
4) n-Nitrosodimethylamine	3.540	42	193337	51.71	ng		94
6) Aniline	7.034	93	491633	44.71	ng		99
8) 2-Chlorophenol	7.269	128	368762	46.69	ng		98
9) Benzaldehyde	6.851	77	177738	28.04	ng		97
10) Phenol	6.910	94	467142	47.15	ng		96
11) bis(2-Chloroethyl)ether	7.134	93	354707	47.29	ng		99
12) 1,3-Dichlorobenzene	7.593	146	395278	45.98	ng		99
13) 1,4-Dichlorobenzene	7.740	146	406372	46.47	ng		99
14) 1,2-Dichlorobenzene	8.051	146	386534	45.96	ng		99
15) Benzyl Alcohol	7.945	79	342044	46.06	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.234	45	529346	47.08	ng		99
17) 2-Methylphenol	8.145	107	303565	47.04	ng		97
18) Hexachloroethane	8.775	117	161586	47.25	ng		97
19) n-Nitroso-di-n-propyla...	8.510	70	299406	43.96	ng		98
20) 3+4-Methylphenols	8.475	107	403031	46.06	ng		98
22) Acetophenone	8.522	105	537574	45.89	ng	#	99
24) Nitrobenzene	8.898	77	441474	43.55	ng		99
25) Isophorone	9.422	82	757746	42.87	ng		99
26) 2-Nitrophenol	9.604	139	182513	45.06	ng		95
27) 2,4-Dimethylphenol	9.669	122	324321	51.00	ng		98
28) bis(2-Chloroethoxy)met...	9.904	93	450985	49.38	ng		99
29) 2,4-Dichlorophenol	10.134	162	311463	44.23	ng		98
30) 1,2,4-Trichlorobenzene	10.351	180	346248	45.51	ng		99
31) Naphthalene	10.534	128	1050339	44.01	ng		99
32) Benzoic acid	9.810	122	198816	41.38	ng		96
33) 4-Chloroaniline	10.645	127	269597	28.03	ng		98
34) Hexachlorobutadiene	10.822	225	200499	44.75	ng		96
35) Caprolactam	11.428	113	92640m	41.85	ng		
36) 4-Chloro-3-methylphenol	11.775	107	332655	43.87	ng		96
37) 2-Methylnaphthalene	12.151	142	741721	44.09	ng		99
38) 1-Methylnaphthalene	12.369	142	682143	42.86	ng		99
40) 1,2,4,5-Tetrachloroben...	12.522	216	341845	48.55	ng	#	96
41) Hexachlorocyclopentadiene	12.504	237	521086	127.56	ng		99
43) 2,4,6-Trichlorophenol	12.763	196	229689	45.96	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.833	196	247800	45.98	ng	96
46) 1,1'-Biphenyl	13.169	154	914140	47.04	ng	98
47) 2-Chloronaphthalene	13.210	162	695770	46.28	ng	99
48) 2-Nitroaniline	13.416	65	234970	46.85	ng	99
49) Acenaphthylene	14.057	152	1143051	48.74	ng	99
50) Dimethylphthalate	13.804	163	816238	45.03	ng	99
51) 2,6-Dinitrotoluene	13.916	165	176316	43.69	ng	98
52) Acenaphthene	14.404	154	675511	46.59	ng	100
53) 3-Nitroaniline	14.245	138	127885	31.05	ng	98
54) 2,4-Dinitrophenol	14.451	184	207155	97.53	ng	97
55) Dibenzofuran	14.739	168	1000935	44.02	ng	99
56) 4-Nitrophenol	14.557	139	320778	91.42	ng	97
57) 2,4-Dinitrotoluene	14.704	165	238879	44.70	ng	99
58) Fluorene	15.386	166	836669	44.87	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.963	232	184988	44.63	ng	97
60) Diethylphthalate	15.169	149	827827	44.70	ng	99
61) 4-Chlorophenyl-phenyle...	15.380	204	387104	45.33	ng	96
62) 4-Nitroaniline	15.404	138	184320	42.55	ng	99
63) Azobenzene	15.674	77	942513	44.23	ng	98
65) 4,6-Dinitro-2-methylph...	15.463	198	116300	41.55	ng	97
66) n-Nitrosodiphenylamine	15.598	169	703041	48.55	ng	99
67) 4-Bromophenyl-phenylether	16.274	248	211686	48.65	ng	98
68) Hexachlorobenzene	16.386	284	234228	49.02	ng	98
69) Atrazine	16.551	200	228114	47.26	ng	98
70) Pentachlorophenol	16.727	266	243219	89.97	ng	97
71) Phenanthrene	17.121	178	1192207	47.08	ng	99
72) Anthracene	17.210	178	1225582	49.01	ng	100
73) Carbazole	17.480	167	1085741	44.46	ng	100
74) Di-n-butylphthalate	18.051	149	1331616	47.57	ng	99
75) Fluoranthene	19.133	202	1238199	43.89	ng	99
77) Benzidine	19.321	184	778035	62.75	ng	99
78) Pyrene	19.492	202	1283347	48.31	ng	100
80) Butylbenzylphthalate	20.398	149	569874	47.64	ng	94
81) Benzo(a)anthracene	21.233	228	1186193	46.49	ng	100
82) 3,3'-Dichlorobenzidine	21.174	252	365469	42.64	ng	96
83) Chrysene	21.286	228	1128526	45.18	ng	100
84) Bis(2-ethylhexyl)phtha...	21.174	149	875171	47.55	ng	98
85) Di-n-octyl phthalate	22.045	149	1462136	46.29	ng	100
87) Indeno(1,2,3-cd)pyrene	25.697	276	1443802	51.44	ng	99
88) Benzo(b)fluoranthene	22.797	252	1191958	47.66	ng	99
89) Benzo(k)fluoranthene	22.844	252	1113019	46.54	ng	100
90) Benzo(a)pyrene	23.368	252	1042564	45.60	ng	99
91) Dibenzo(a,h)anthracene	25.709	278	1210283	50.22	ng	99
92) Benzo(g,h,i)perylene	26.380	276	1183687	50.94	ng	99

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

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