Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042021\
Data File : BF123640.D
Acq On : 20 Apr 2021 13:24
Operator : JU/CG
Sample : PB135837BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 20 15:56:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 15:49:40 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB135837BS

Manual Integrations APPROVED

mohammad

4/21/2021 11:25:05 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	276730	20.00	ng		0.00
21) Naphthalene-d8	8.139	136	1052688	20.00	ng		0.00
39) Acenaphthene-d10	9.898	164	526365	20.00	ng		0.00
64) Phenanthrene-d10	11.386	188	997934	20.00	ng		0.00
76) Chrysene-d12	14.033	240	719826	20.00	ng		0.00
86) Perylene-d12	15.510	264	566499	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	1426483	83.31	ng		0.02
7) Phenol-d6	6.493	99	1909175	80.47	ng		0.00
23) Nitrobenzene-d5	7.416	82	1655228	72.28	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	516030	86.57	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	2487664	70.45	ng		0.00
79) Terphenyl-d14	12.974	244	2462607	66.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	390471	43.65	ng		95
3) Pyridine	3.452	79	1016304	46.46	ng		93
4) n-Nitrosodimethylamine	3.410	42	588347	45.39	ng		97
6) Aniline	6.510	93	927459	33.21	ng	#	82
8) 2-Chlorophenol	6.640	128	834738	45.39	ng		99
9) Benzaldehyde	6.393	77	193898	12.52	ng		96
10) Phenol	6.504	94	1110313	44.07	ng		87
11) bis(2-Chloroethyl)ether	6.587	93	872147	46.55	ng		97
12) 1,3-Dichlorobenzene	6.793	146	849571	44.94	ng		98
13) 1,4-Dichlorobenzene	6.869	146	860851	44.87	ng		98
14) 1,2-Dichlorobenzene	7.022	146	823718	45.69	ng		98
15) Benzyl Alcohol	6.992	79	828528	44.26	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	1848749	43.71	ng		99
17) 2-Methylphenol	7.110	107	709725	44.91	ng		97
18) Hexachloroethane	7.363	117	354807	46.38	ng		97
19) n-Nitroso-di-n-propyla...	7.269	70	661740	42.10	ng		99
20) 3+4-Methylphenols	7.263	107	881181	43.70	ng	#	89
22) Acetophenone	7.263	105	1254621	42.97	ng	#	91
24) Nitrobenzene	7.434	77	1043043	43.26	ng		96
25) Isophorone	7.675	82	1878019	42.27	ng		100
26) 2-Nitrophenol	7.751	139	444677	53.97	ng		96
27) 2,4-Dimethylphenol	7.792	122	730070	48.02	ng		97
28) bis(2-Chloroethoxy)met...	7.887	93	1098948	49.29	ng		99
29) 2,4-Dichlorophenol	7.998	162	657549	44.42	ng		97
30) 1,2,4-Trichlorobenzene	8.081	180	694355	43.65	ng		98
31) Naphthalene	8.157	128	2371016	43.73	ng		99
32) Benzoic acid	7.922	122	543953	53.22	ng		94
33) 4-Chloroaniline	8.204	127	551419	24.76	ng		98
34) Hexachlorobutadiene	8.281	225	428115	42.89	ng		97
35) Caprolactam	8.575	113	229551m	44.41	ng		
36) 4-Chloro-3-methylphenol	8.698	107	851046	44.33	ng		95
37) 2-Methylnaphthalene	8.851	142	1556034	43.76	ng		96
38) 1-Methylnaphthalene	8.951	142	1440328	42.81	ng		100
40) 1,2,4,5-Tetrachloroben...	9.022	216	646103	44.47	ng		99
41) Hexachlorocyclopentadiene	9.010	237	826877	109.53	ng		98
43) 2,4,6-Trichlorophenol	9.134	196	458978	46.56	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	484785	44.98	ng		97
46) 1,1'-Biphenyl	9.316	154	1850664	44.92	ng		97
47) 2-Chloronaphthalene	9.345	162	1386022	44.71	ng		97
48) 2-Nitroaniline	9.439	65	619222	47.94	ng		98
49) Acenaphthylene	9.763	152	2226136	43.90	ng		99
50) Dimethylphthalate	9.622	163	1601599	44.04	ng		100
51) 2,6-Dinitrotoluene	9.681	165	361789	45.32	ng		96
52) Acenaphthene	9.933	154	1607786m	49.41	ng		
53) 3-Nitroaniline	9.851	138	301719	32.58	ng		99
54) 2,4-Dinitrophenol	9.957	184	430604	122.81	ng		94
55) Dibenzofuran	10.104	168	1994384	42.73	ng		100
56) 4-Nitrophenol	10.028	139	643816	90.74	ng		94
57) 2,4-Dinitrotoluene	10.086	165	493055	46.25	ng	#	92
58) Fluorene	10.451	166	1547519	42.18	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	385311	44.90	ng		98
60) Diethylphthalate	10.322	149	1739715	43.70	ng		100
61) 4-Chlorophenyl-phenyle...	10.439	204	740217	43.71	ng		96
62) 4-Nitroaniline	10.469	138	413767	44.24	ng		99
63) Azobenzene	10.598	77	1895218	42.03	ng		96
65) 4,6-Dinitro-2-methylph...	10.498	198	274279	52.68	ng	#	77
66) n-Nitrosodiphenylamine	10.557	169	1362219	42.64	ng		99
67) 4-Bromophenyl-phenylether	10.928	248	454636	43.58	ng		94
68) Hexachlorobenzene	10.998	284	515593	43.85	ng		99
69) Atrazine	11.086	200	370890	37.25	ng		98
70) Pentachlorophenol	11.192	266	553384	90.08	ng		99
71) Phenanthrene	11.410	178	2215209	42.53	ng		99
72) Anthracene	11.463	178	2232071	42.88	ng		98
73) Carbazole	11.616	167	2148155	41.35	ng		98
74) Di-n-butylphthalate	11.951	149	2631863	41.86	ng		100
75) Fluoranthene	12.604	202	2417950	42.24	ng		99
77) Benzidine	12.722	184	823716	42.10	ng		99
78) Pyrene	12.833	202	2380181	45.31	ng		100
80) Butylbenzylphthalate	13.451	149	1109133	44.93	ng		98
81) Benzo(a)anthracene	14.021	228	1839639	41.70	ng		100
82) 3,3'-Dichlorobenzidine	13.986	252	494738	35.11	ng		100
83) Chrysene	14.063	228	1871604	42.25	ng		99
84) Bis(2-ethylhexyl)phtha...	14.016	149	1453060	44.27	ng		99
85) Di-n-octyl phthalate	14.627	149	2423054	45.87	ng		99
87) Indeno(1,2,3-cd)pyrene	16.998	276	1412283	46.73	ng		98
88) Benzo(b)fluoranthene	15.080	252	1672634	41.82	ng		98
89) Benzo(k)fluoranthene	15.110	252	1635775	45.68	ng		98
90) Benzo(a)pyrene	15.451	252	1424223	44.77	ng		99
91) Dibenzo(a,h)anthracene	17.015	278	1179996	46.16	ng		99
92) Benzo(g,h,i)perylene	17.445	276	1147019	46.29	ng		97

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

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