Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050321\
Data File : BF123789.D
Acq On : 3 May 2021 20:45
Operator : JU/CG
Sample : PB136120BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB136120BS

Manual Integrations APPROVED
mohammad
5/4/2021 2:57:56 PM

Quant Time: May 04 00:57:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 27 16:30:39 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	241004	20.00	ng		0.00
21) Naphthalene-d8	8.092	136	917269	20.00	ng		0.00
39) Acenaphthene-d10	9.851	164	455006	20.00	ng		0.00
64) Phenanthrene-d10	11.333	188	850013	20.00	ng		0.00
76) Chrysene-d12	13.980	240	606822	20.00	ng		0.00
86) Perylene-d12	15.433	264	485014	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	1672946	109.97	ng		0.02
7) Phenol-d6	6.451	99	2160022	103.08	ng		0.00
23) Nitrobenzene-d5	7.375	82	1521950	74.90	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	590913	104.32	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	2242145	71.76	ng		0.00
79) Terphenyl-d14	12.921	244	2463800	78.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	270242	32.98	ng		97
3) Pyridine	3.334	79	706501	35.27	ng		93
4) n-Nitrosodimethylamine	3.281	42	471649	42.75	ng		99
6) Aniline	6.469	93	783510	32.33	ng	#	77
8) 2-Chlorophenol	6.592	128	674298	41.21	ng		96
9) Benzaldehyde	6.351	77	203691	20.08	ng		95
10) Phenol	6.463	94	875152	38.88	ng	#	77
11) bis(2-Chloroethyl)ether	6.545	93	687947	41.86	ng		98
12) 1,3-Dichlorobenzene	6.745	146	666708	40.32	ng		99
13) 1,4-Dichlorobenzene	6.822	146	667780	39.92	ng		98
14) 1,2-Dichlorobenzene	6.975	146	635378	39.12	ng		97
15) Benzyl Alcohol	6.951	79	660276	40.19	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.087	45	1472244	42.12	ng		99
17) 2-Methylphenol	7.069	107	569092	40.81	ng		99
18) Hexachloroethane	7.322	117	272670	41.18	ng		97
19) n-Nitroso-di-n-propyla...	7.222	70	512626	39.62	ng		99
20) 3+4-Methylphenols	7.222	107	673795	37.97	ng		91
22) Acetophenone	7.216	105	986773	39.58	ng		93
24) Nitrobenzene	7.392	77	803197	37.95	ng		98
25) Isophorone	7.634	82	1439672	37.79	ng		98
26) 2-Nitrophenol	7.710	139	343102	39.72	ng		96
27) 2,4-Dimethylphenol	7.751	122	592296	43.65	ng		95
28) bis(2-Chloroethoxy)met...	7.845	93	828829	42.69	ng		99
29) 2,4-Dichlorophenol	7.957	162	504745	37.75	ng		96
30) 1,2,4-Trichlorobenzene	8.034	180	550639	39.29	ng		98
31) Naphthalene	8.116	128	1814877	38.42	ng		99
32) Benzoic acid	7.887	122	316518	35.55	ng		99
33) 4-Chloroaniline	8.163	127	446348	22.65	ng		98
34) Hexachlorobutadiene	8.234	225	336339	39.38	ng		99
35) Caprolactam	8.534	113	192776m	41.06	ng		
36) 4-Chloro-3-methylphenol	8.651	107	656219	39.33	ng		95
37) 2-Methylnaphthalene	8.810	142	1188238	38.60	ng		98
38) 1-Methylnaphthalene	8.904	142	1094008	37.81	ng		99
40) 1,2,4,5-Tetrachloroben...	8.975	216	517087	38.62	ng		99
41) Hexachlorocyclopentadiene	8.963	237	544391	93.46	ng		99
43) 2,4,6-Trichlorophenol	9.086	196	352703	38.24	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	377900	38.19	ng		97
46) 1,1'-Biphenyl	9.275	154	1428830	38.33	ng		99
47) 2-Chloronaphthalene	9.298	162	1053076	37.47	ng		97
48) 2-Nitroaniline	9.392	65	490396	39.61	ng		95
49) Acenaphthylene	9.710	152	1823369	40.19	ng		98
50) Dimethylphthalate	9.575	163	1220752	38.09	ng		100
51) 2,6-Dinitrotoluene	9.633	165	282858	38.18	ng		98
52) Acenaphthene	9.886	154	1056559	38.22	ng		97
53) 3-Nitroaniline	9.804	138	243163	27.48	ng		97
54) 2,4-Dinitrophenol	9.910	184	325109	82.62	ng		91
55) Dibenzofuran	10.057	168	1528907	36.57	ng		100
56) 4-Nitrophenol	9.980	139	510485	79.20	ng		95
57) 2,4-Dinitrotoluene	10.039	165	386475	38.26	ng		90
58) Fluorene	10.398	166	1193802	37.16	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.175	232	305379	38.97	ng		99
60) Diethylphthalate	10.275	149	1283193	37.62	ng		99
61) 4-Chlorophenyl-phenyle...	10.392	204	554214	37.02	ng		94
62) 4-Nitroaniline	10.422	138	339229	38.69	ng		94
63) Azobenzene	10.551	77	1418833	36.18	ng		98
65) 4,6-Dinitro-2-methylph...	10.451	198	201377	38.24	ng	#	81
66) n-Nitrosodiphenylamine	10.510	169	1076573	38.72	ng		99
67) 4-Bromophenyl-phenylether	10.880	248	344876	38.53	ng		95
68) Hexachlorobenzene	10.945	284	407726	40.02	ng		97
69) Atrazine	11.039	200	335486	39.91	ng		99
70) Pentachlorophenol	11.145	266	427256	82.28	ng		97
71) Phenanthrene	11.363	178	1753933	39.34	ng		99
72) Anthracene	11.416	178	1771980	39.97	ng		99
73) Carbazole	11.569	167	1767761	39.45	ng		99
74) Di-n-butylphthalate	11.898	149	1973049	39.22	ng		99
75) Fluoranthene	12.551	202	1949934	40.10	ng		100
77) Benzidine	12.669	184	666597	42.42	ng		100
78) Pyrene	12.780	202	1969129	41.81	ng		99
80) Butylbenzylphthalate	13.398	149	831666	41.33	ng		99
81) Benzo(a)anthracene	13.968	228	1517949	41.28	ng		98
82) 3,3'-Dichlorobenzidine	13.933	252	466416	41.30	ng		99
83) Chrysene	14.010	228	1515227	40.96	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	999639	39.99	ng		100
85) Di-n-octyl phthalate	14.574	149	1546048	38.68	ng		99
87) Indeno(1,2,3-cd)pyrene	16.880	276	1436875	50.87	ng		100
88) Benzo(b)fluoranthene	15.010	252	1386282	42.41	ng		98
89) Benzo(k)fluoranthene	15.045	252	1223792	39.23	ng		99
90) Benzo(a)pyrene	15.374	252	1143994	40.93	ng		98
91) Dibenzo(a,h)anthracene	16.898	278	1160857	48.68	ng		99
92) Benzo(g,h,i)perylene	17.321	276	1227332	51.38	ng		98

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

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