Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
Data File : BF127872.D
Acq On : 25 Apr 2022 11:13
Operator : CG\JU
Sample : PB144283BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 25 16:54:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 00:43:03 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB144283BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	154879	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	607374	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	337607	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	596728	20.000	ng	0.00
76) Chrysene-d12	14.127	240	386528	20.000	ng	0.00
86) Perylene-d12	15.633	264	337031	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1292270	132.898	ng	0.01
7) Phenol-d6	6.575	99	1649998	130.773	ng	0.00
23) Nitrobenzene-d5	7.510	82	1196055	92.601	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	457250	134.541	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1850598	92.733	ng	0.00
79) Terphenyl-d14	13.063	244	2025079	95.801	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.869	88	184475	39.762	ng	98
3) Pyridine	3.622	79	517777	43.557	ng	99
4) n-Nitrosodimethylamine	3.593	42	292758	50.879	ng	95
6) Aniline	6.610	93	725153	48.373	ng	99
8) 2-Chlorophenol	6.728	128	515670	51.095	ng	99
9) Benzaldehyde	6.498	77	347874	44.568	ng	97
10) Phenol	6.587	94	607459m	47.735	ng	
11) bis(2-Chloroethyl)ether	6.681	93	533213	50.511	ng	100
12) 1,3-Dichlorobenzene	6.881	146	557469	47.987	ng	96
13) 1,4-Dichlorobenzene	6.963	146	559341	48.237	ng	99
14) 1,2-Dichlorobenzene	7.110	146	538376	50.153	ng	98
15) Benzyl Alcohol	7.087	79	441686	51.478	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.210	45	827937	51.317	ng	98
17) 2-Methylphenol	7.192	107	416537	47.835	ng	99
18) Hexachloroethane	7.451	117	212542	49.858	ng	94
19) n-Nitroso-di-n-propyla...	7.357	70	383701	49.679	ng	100
20) 3+4-Methylphenols	7.345	107	491945	46.767	ng	97
22) Acetophenone	7.357	105	693025	46.814	ng	99
24) Nitrobenzene	7.528	77	598745	48.107	ng	100
25) Isophorone	7.763	82	1121600	51.594	ng	100
26) 2-Nitrophenol	7.839	139	262990	49.587	ng	98
27) 2,4-Dimethylphenol	7.875	122	478173	54.281	ng	99
28) bis(2-Chloroethoxy)met...	7.969	93	659812	47.360	ng	99
29) 2,4-Dichlorophenol	8.081	162	426108	46.171	ng	99
30) 1,2,4-Trichlorobenzene	8.163	180	483122	46.085	ng	99
31) Naphthalene	8.251	128	1438352	46.496	ng	100
32) Benzoic acid	7.998	122	298488	47.273	ng	99
33) 4-Chloroaniline	8.292	127	391718	32.004	ng	97
34) Hexachlorobutadiene	8.357	225	310016	46.950	ng	98
35) Caprolactam	8.675	113	139384m	46.788	ng	
36) 4-Chloro-3-methylphenol	8.775	107	468557	47.539	ng	98
37) 2-Methylnaphthalene	8.939	142	958691	46.893	ng	99
38) 1-Methylnaphthalene	9.039	142	919428	46.268	ng	100
40) 1,2,4,5-Tetrachloroben...	9.104	216	444748	44.694	ng	98
41) Hexachlorocyclopentadiene	9.092	237	603208	111.884	ng	99
43) 2,4,6-Trichlorophenol	9.216	196	295876	45.188	ng	97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.257	196	323183	45.404	ng		97
46)	1,1'-Biphenyl	9.404	154	1167562	46.687	ng		99
47)	2-Chloronaphthalene	9.433	162	857840	45.060	ng		98
48)	2-Nitroaniline	9.528	65	306657	47.619	ng		97
49)	Acenaphthylene	9.851	152	1413762	48.547	ng		100
50)	Dimethylphthalate	9.710	163	1048068	46.289	ng		100
51)	2,6-Dinitrotoluene	9.769	165	243975	49.768	ng		97
52)	Acenaphthene	10.022	154	987800m	50.453	ng		
53)	3-Nitroaniline	9.939	138	184983	33.981	ng		99
54)	2,4-Dinitrophenol	10.045	184	246202	95.364	ng	#	80
55)	Dibenzofuran	10.192	168	1258941	44.569	ng		99
56)	4-Nitrophenol	10.104	139	378635	91.088	ng		96
57)	2,4-Dinitrotoluene	10.175	165	324175	49.923	ng	#	86
58)	Fluorene	10.539	166	944141	44.793	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.310	232	280739	46.903	ng		99
60)	Diethylphthalate	10.410	149	1023255	46.088	ng		98
61)	4-Chlorophenyl-phenyle...	10.527	204	465594	44.452	ng		98
62)	4-Nitroaniline	10.563	138	245202	46.073	ng		98
63)	Azobenzene	10.686	77	1122167	45.933	ng		100
65)	4,6-Dinitro-2-methylph...	10.586	198	168170	47.429	ng		86
66)	n-Nitrosodiphenylamine	10.651	169	862528	46.453	ng		99
67)	4-Bromophenyl-phenylether	11.022	248	306814	46.381	ng	#	91
68)	Hexachlorobenzene	11.080	284	330405	47.407	ng		99
69)	Atrazine	11.175	200	306313	53.351	ng		97
70)	Pentachlorophenol	11.280	266	388085	94.650	ng		97
71)	Phenanthrene	11.504	178	1405547	44.998	ng		99
72)	Anthracene	11.557	178	1443984	46.407	ng		99
73)	Carbazole	11.710	167	1302568	43.435	ng		99
74)	Di-n-butylphthalate	12.033	149	1560749	46.284	ng		100
75)	Fluoranthene	12.692	202	1487652	45.252	ng		100
77)	Benzidine	12.816	184	863503	118.067	ng		99
78)	Pyrene	12.927	202	1496617	47.965	ng		100
80)	Butylbenzylphthalate	13.539	149	599668	49.033	ng		93
81)	Benzo(a)anthracene	14.116	228	1240836	48.163	ng		98
82)	3,3'-Dichlorobenzidine	14.074	252	297913	36.419	ng		98
83)	Chrysene	14.151	228	1161358	47.200	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.092	149	815920	50.308	ng		100
85)	Di-n-octyl phthalate	14.710	149	1285090	51.130	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.186	276	1211321	53.846	ng		100
88)	Benzo(b)fluoranthene	15.186	252	1093424	51.653	ng		99
89)	Benzo(k)fluoranthene	15.221	252	1021097	47.879	ng		96
90)	Benzo(a)pyrene	15.574	252	1020659	58.127	ng		98
91)	Dibenzo(a,h)anthracene	17.209	278	1031475	57.171	ng		99
92)	Benzo(g,h,i)perylene	17.668	276	1116946	58.745	ng		99

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

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