Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
Data File : BF129139.D
Acq On : 06 Jul 2022 13:06
Operator : CG\JU
Sample : PB146013BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 06 13:44:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:05:31 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB146013BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/07/2022
Supervised By :Jagrut Upadhyay 07/07/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.957	152	429880	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	1665458	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	854249	20.000	ng		0.00
64) Phenanthrene-d10	11.498	188	1514635	20.000	ng	#	0.00
76) Chrysene-d12	14.151	240	954341	20.000	ng		0.00
86) Perylene-d12	15.674	264	822827	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.598	112	2613996	102.803	ng		0.01
7) Phenol-d6	6.593	99	3276258	103.746	ng		0.00
23) Nitrobenzene-d5	7.528	82	2121598	75.983	ng		0.00
42) 2,4,6-Tribromophenol	10.804	330	1089105	117.251	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	3669041	68.712	ng		0.00
79) Terphenyl-d14	13.086	244	3977124	86.542	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.899	88	311333	27.463	ng	#	85
3) Pyridine	3.681	79	779536	28.158	ng		84
4) n-Nitrosodimethylamine	3.622	42	453935	36.190	ng	#	73
6) Aniline	6.628	93	1344961	38.081	ng		96
8) 2-Chlorophenol	6.745	128	1123944	42.072	ng		96
9) Benzaldehyde	6.510	77	179702	8.838	ng		99
10) Phenol	6.604	94	1265897m	39.564	ng		
11) bis(2-Chloroethyl)ether	6.693	93	1039142	41.033	ng		92
12) 1,3-Dichlorobenzene	6.904	146	1147204	39.010	ng		96
13) 1,4-Dichlorobenzene	6.975	146	1165207	39.283	ng		99
14) 1,2-Dichlorobenzene	7.128	146	1128144	40.459	ng		99
15) Benzyl Alcohol	7.104	79	920670	41.446	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.228	45	1395520	38.582	ng		89
17) 2-Methylphenol	7.210	107	893271	41.092	ng		97
18) Hexachloroethane	7.475	117	425081	40.820	ng		97
19) n-Nitroso-di-n-propyla...	7.375	70	727524	39.825	ng	#	87
20) 3+4-Methylphenols	7.363	107	1070261	38.716	ng		98
22) Acetophenone	7.375	105	1443929	37.794	ng	#	91
24) Nitrobenzene	7.545	77	1124507	41.623	ng		95
25) Isophorone	7.787	82	2084685	44.177	ng		97
26) 2-Nitrophenol	7.857	139	606855	48.332	ng		90
27) 2,4-Dimethylphenol	7.892	122	1036971	45.745	ng		98
28) bis(2-Chloroethoxy)met...	7.987	93	1262721	38.963	ng		99
29) 2,4-Dichlorophenol	8.098	162	918626	39.731	ng		99
30) 1,2,4-Trichlorobenzene	8.181	180	976469	38.378	ng		96
31) Naphthalene	8.269	128	2979319	39.405	ng		98
32) Benzoic acid	8.022	122	730157	40.147	ng		97
33) 4-Chloroaniline	8.310	127	924455	30.344	ng		98
34) Hexachlorobutadiene	8.381	225	594472	39.130	ng		99
35) Caprolactam	8.698	113	304546m	41.538	ng		
36) 4-Chloro-3-methylphenol	8.792	107	960942	40.906	ng		95
37) 2-Methylnaphthalene	8.957	142	1987541	39.067	ng		100
38) 1-Methylnaphthalene	9.057	142	1902432	38.506	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	950961	39.604	ng		99
41) Hexachlorocyclopentadiene	9.110	237	1132857	89.380	ng		99
43) 2,4,6-Trichlorophenol	9.234	196	654366	40.010	ng		95

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.281	196	702084	40.357	ng		97
46)	1,1'-Biphenyl	9.422	154	2398760	39.059	ng		97
47)	2-Chloronaphthalene	9.451	162	1849292	38.993	ng		100
48)	2-Nitroaniline	9.545	65	568719	45.529	ng		85
49)	Acenaphthylene	9.869	152	2981851	41.378	ng		97
50)	Dimethylphthalate	9.728	163	2156070	40.344	ng		100
51)	2,6-Dinitrotoluene	9.786	165	505279	46.269	ng		98
52)	Acenaphthene	10.039	154	2054279m	43.763	ng		
53)	3-Nitroaniline	9.957	138	459068	35.251	ng	#	92
54)	2,4-Dinitrophenol	10.069	184	577860	96.317	ng	#	78
55)	Dibenzofuran	10.216	168	2564973	37.526	ng		98
56)	4-Nitrophenol	10.122	139	892289	83.858	ng		90
57)	2,4-Dinitrotoluene	10.192	165	667074	49.480	ng		94
58)	Fluorene	10.557	166	2031740	38.428	ng		97
59)	2,3,4,6-Tetrachlorophenol	10.328	232	575538	39.933	ng		100
60)	Diethylphthalate	10.422	149	2116531	39.524	ng		98
61)	4-Chlorophenyl-phenyle...	10.545	204	1018847	38.677	ng		98
62)	4-Nitroaniline	10.581	138	543575	42.093	ng		88
63)	Azobenzene	10.704	77	1983366	37.803	ng		95
65)	4,6-Dinitro-2-methylph...	10.604	198	342291	51.081	ng		85
66)	n-Nitrosodiphenylamine	10.669	169	1812289	39.397	ng		96
67)	4-Bromophenyl-phenylether	11.039	248	652072	40.472	ng		94
68)	Hexachlorobenzene	11.104	284	735674	41.006	ng		98
69)	Atrazine	11.192	200	579032	44.733	ng		98
70)	Pentachlorophenol	11.298	266	892996	83.568	ng		98
71)	Phenanthrene	11.528	178	2791753	38.577	ng		98
72)	Anthracene	11.575	178	2809136	39.371	ng		97
73)	Carbazole	11.727	167	2693043	37.667	ng		99
74)	Di-n-butylphthalate	12.051	149	3095865	41.068	ng		98
75)	Fluoranthene	12.716	202	2954157	39.033	ng		96
77)	Benzidine	12.833	184	905252	53.271	ng		100
78)	Pyrene	12.951	202	2939736	44.440	ng		99
80)	Butylbenzylphthalate	13.557	149	1207667	44.813	ng		91
81)	Benzo(a)anthracene	14.139	228	2406853	41.305	ng		97
82)	3,3'-Dichlorobenzidine	14.098	252	746493	59.289	ng		96
83)	Chrysene	14.180	228	2187491	40.437	ng		98
84)	Bis(2-ethylhexyl)phtha...	14.110	149	1536293	42.895	ng		97
85)	Di-n-octyl phthalate	14.733	149	2310841	43.708	ng	#	94
87)	Indeno(1,2,3-cd)pyrene	17.245	276	2306299	45.700	ng		99
88)	Benzo(b)fluoranthene	15.221	252	2175893	43.971	ng		98
89)	Benzo(k)fluoranthene	15.257	252	2133552	44.453	ng		99
90)	Benzo(a)pyrene	15.610	252	2054568	50.931	ng		98
91)	Dibenzo(a,h)anthracene	17.262	278	1985400	48.260	ng		96
92)	Benzo(g,h,i)perylene	17.727	276	2039598	49.416	ng		99

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

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