Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129434.D
Acq On : 29 Jul 2022 10:44
Operator : CG\JU
Sample : PB146473BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 29 18:18:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 17:24:17 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB146473BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.886	152	229688	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	923560	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	484168	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	792357	20.000	ng		0.01
76) Chrysene-d12	14.074	240	505994	20.000	ng		0.00
86) Perylene-d12	15.568	264	401123	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1754034	124.400	ng		0.03
7) Phenol-d6	6.534	99	2185661	123.325	ng		0.02
23) Nitrobenzene-d5	7.457	82	1456263	86.075	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	588570	126.441	ng		0.01
45) 2-Fluorobiphenyl	9.251	172	2436743	77.856	ng		0.00
79) Terphenyl-d14	13.010	244	2534380	94.493	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.775	88	206999	32.538	ng		89
3) Pyridine	3.557	79	512773	29.025	ng		90
4) n-Nitrosodimethylamine	3.504	42	344937	44.463	ng	#	92
6) Aniline	6.557	93	800900	36.351	ng		98
8) 2-Chlorophenol	6.681	128	747332	48.514	ng		95
9) Benzaldehyde	6.439	77	193386	16.068	ng		98
10) Phenol	6.545	94	858888m	45.508	ng		
11) bis(2-Chloroethyl)ether	6.628	93	695128	46.442	ng		91
12) 1,3-Dichlorobenzene	6.828	146	733472	44.396	ng		99
13) 1,4-Dichlorobenzene	6.904	146	747613	44.495	ng		99
14) 1,2-Dichlorobenzene	7.057	146	723425	46.841	ng		98
15) Benzyl Alcohol	7.039	79	627725	48.837	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	946951	42.089	ng		87
17) 2-Methylphenol	7.151	107	577092	45.158	ng	#	93
18) Hexachloroethane	7.398	117	289047	45.687	ng		92
19) n-Nitroso-di-n-propyla...	7.310	70	485674	45.266	ng		90
20) 3+4-Methylphenols	7.304	107	683312	42.053	ng	#	85
22) Acetophenone	7.298	105	949842	44.174	ng	#	91
24) Nitrobenzene	7.475	77	767629	44.061	ng		99
25) Isophorone	7.716	82	1385212	45.677	ng		98
26) 2-Nitrophenol	7.792	139	397758	46.279	ng		90
27) 2,4-Dimethylphenol	7.828	122	670995m	52.046	ng		
28) bis(2-Chloroethoxy)met...	7.922	93	843325	47.937	ng		99
29) 2,4-Dichlorophenol	8.033	162	583906	43.881	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	610826	44.348	ng		97
31) Naphthalene	8.198	128	2009542	42.827	ng		100
32) Benzoic acid	7.969	122	296997	31.866	ng		97
33) 4-Chloroaniline	8.245	127	640691	33.258	ng		97
34) Hexachlorobutadiene	8.304	225	351197	44.857	ng		99
35) Caprolactam	8.639	113	184802m	42.717	ng		
36) 4-Chloro-3-methylphenol	8.733	107	642019	45.490	ng		97
37) 2-Methylnaphthalene	8.886	142	1306802	42.856	ng		99
38) 1-Methylnaphthalene	8.986	142	1242934	42.225	ng		98
40) 1,2,4,5-Tetrachloroben...	9.051	216	565542	44.485	ng		98
41) Hexachlorocyclopentadiene	9.033	237	578716	102.227	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	396070	42.894	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.222	196	409062	40.737	ng		95
46)	1,1'-Biphenyl	9.351	154	1550157	43.871	ng		99
47)	2-Chloronaphthalene	9.380	162	1211629	42.417	ng		99
48)	2-Nitroaniline	9.480	65	400058	42.119	ng		91
49)	Acenaphthylene	9.798	152	1893177	43.618	ng		100
50)	Dimethylphthalate	9.657	163	1440604	43.101	ng		100
51)	2,6-Dinitrotoluene	9.722	165	325010	43.446	ng		94
52)	Acenaphthene	9.969	154	1311516m	46.264	ng		
53)	3-Nitroaniline	9.898	138	282814	32.015	ng	#	87
54)	2,4-Dinitrophenol	10.004	184	328331	85.974	ng		94
55)	Dibenzofuran	10.139	168	1632575	41.776	ng		94
56)	4-Nitrophenol	10.069	139	489277	75.076	ng		92
57)	2,4-Dinitrotoluene	10.127	165	424905	43.479	ng		95
58)	Fluorene	10.486	166	1305895	41.764	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.263	232	315106	40.607	ng		93
60)	Diethylphthalate	10.357	149	1375150	42.561	ng		100
61)	4-Chlorophenyl-phenyle...	10.474	204	600326	43.549	ng		95
62)	4-Nitroaniline	10.516	138	352250	40.197	ng		97
63)	Azobenzene	10.633	77	1346400	40.855	ng		95
65)	4,6-Dinitro-2-methylph...	10.539	198	214859	42.962	ng		96
66)	n-Nitrosodiphenylamine	10.598	169	1154859	43.766	ng		97
67)	4-Bromophenyl-phenylether	10.963	248	391518	45.124	ng		92
68)	Hexachlorobenzene	11.033	284	425220	45.230	ng		99
69)	Atrazine	11.127	200	356479	44.477	ng		97
70)	Pentachlorophenol	11.233	266	407448	79.722	ng		99
71)	Phenanthrene	11.451	178	1855267	42.894	ng		99
72)	Anthracene	11.504	178	1859336	43.744	ng		100
73)	Carbazole	11.663	167	1738114	43.440	ng		100
74)	Di-n-butylphthalate	11.974	149	2080348	43.660	ng		99
75)	Fluoranthene	12.645	202	1886180	43.039	ng		99
77)	Benzidine	12.763	184	507492	28.390	ng		99
78)	Pyrene	12.874	202	1903263	44.981	ng		100
80)	Butylbenzylphthalate	13.480	149	839588	45.747	ng		98
81)	Benzo(a)anthracene	14.062	228	1510530	43.702	ng		100
82)	3,3'-Dichlorobenzidine	14.021	252	424474	37.195	ng	#	97
83)	Chrysene	14.104	228	1361327	41.790	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.033	149	1094252	45.288	ng		99
85)	Di-n-octyl phthalate	14.651	149	1600583	46.033	ng		97
87)	Indeno(1,2,3-cd)pyrene	17.092	276	1283969	47.533	ng		99
88)	Benzo(b)fluoranthene	15.127	252	1233148	46.345	ng		99
89)	Benzo(k)fluoranthene	15.157	252	1226930	47.054	ng		99
90)	Benzo(a)pyrene	15.504	252	1179180	54.593	ng		98
91)	Dibenzo(a,h)anthracene	17.109	278	1107003	50.352	ng		99
92)	Benzo(g,h,i)perylene	17.562	276	1134116	50.483	ng		98

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

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