Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127116.D
Acq On : 01 Mar 2022 15:04
Operator : CG\JU
Sample : PB142971BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 02 00:00:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 01 23:57:09 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB142971BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/02/2022
Supervised By :Jagrut Upadhyay 03/02/2022

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	107588	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	436752	20.000	ng	#	0.00
39) Acenaphthene-d10	9.939	164	221102	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	392556	20.000	ng	#	0.00
76) Chrysene-d12	14.074	240	248884	20.000	ng	#	0.00
86) Perylene-d12	15.562	264	192169	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	760961	109.317	ng		0.01
7) Phenol-d6	6.528	99	981741	104.519	ng		0.00
23) Nitrobenzene-d5	7.457	82	682618	70.547	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	302453	118.810	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1111006	73.974	ng		0.00
79) Terphenyl-d14	13.015	244	1252733	73.993	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.757	88	103654	32.541	ng		99
3) Pyridine	3.516	79	242352	29.007	ng		92
4) n-Nitrosodimethylamine	3.481	42	164646	40.229	ng	#	75
6) Aniline	6.557	93	389433	34.992	ng		96
8) 2-Chlorophenol	6.681	128	316106	42.323	ng		93
9) Benzaldehyde	6.445	77	151155	26.437	ng		98
10) Phenol	6.539	94	394482m	41.564	ng		
11) bis(2-Chloroethyl)ether	6.628	93	291639	39.178	ng		97
12) 1,3-Dichlorobenzene	6.834	146	322005	39.967	ng		98
13) 1,4-Dichlorobenzene	6.910	146	330347	40.444	ng		98
14) 1,2-Dichlorobenzene	7.063	146	314558	40.384	ng		98
15) Benzyl Alcohol	7.034	79	302954	38.285	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.163	45	409283	34.916	ng		93
17) 2-Methylphenol	7.145	107	262195	40.575	ng		93
18) Hexachloroethane	7.404	117	128025	40.891	ng	#	90
19) n-Nitroso-di-n-propyla...	7.304	70	231255	38.208	ng		97
20) 3+4-Methylphenols	7.298	107	335173	39.944	ng		95
22) Acetophenone	7.304	105	443183	38.540	ng	#	97
24) Nitrobenzene	7.475	77	364832	39.913	ng		98
25) Isophorone	7.716	82	617969	38.596	ng	#	97
26) 2-Nitrophenol	7.792	139	165740	42.587	ng	#	82
27) 2,4-Dimethylphenol	7.828	122	283622	44.361	ng		89
28) bis(2-Chloroethoxy)met...	7.922	93	358858	36.969	ng		99
29) 2,4-Dichlorophenol	8.033	162	248233	41.297	ng		98
30) 1,2,4-Trichlorobenzene	8.116	180	266268	39.622	ng		99
31) Naphthalene	8.198	128	913274	40.057	ng		100
32) Benzoic acid	7.951	122	192190	42.387	ng		85
33) 4-Chloroaniline	8.245	127	261377	29.126	ng		96
34) Hexachlorobutadiene	8.310	225	156169	39.805	ng		98
35) Caprolactam	8.622	113	83784m	39.915	ng		
36) 4-Chloro-3-methylphenol	8.728	107	313896	40.861	ng		94
37) 2-Methylnaphthalene	8.892	142	612783	41.421	ng		96
38) 1-Methylnaphthalene	8.992	142	564077	39.817	ng		98
40) 1,2,4,5-Tetrachloroben...	9.057	216	242398	41.648	ng		98
41) Hexachlorocyclopentadiene	9.039	237	277000	87.751	ng		95
43) 2,4,6-Trichlorophenol	9.169	196	173665	40.683	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	185879	41.380	ng		96
46) 1,1'-Biphenyl	9.357	154	697121	39.796	ng		98
47) 2-Chloronaphthalene	9.380	162	529137	40.733	ng		95
48) 2-Nitroaniline	9.480	65	206838	40.349	ng		96
49) Acenaphthylene	9.798	152	868475	41.158	ng		98
50) Dimethylphthalate	9.657	163	628013	39.737	ng		99
51) 2,6-Dinitrotoluene	9.722	165	140108	43.574	ng		91
52) Acenaphthene	9.969	154	621936m	45.321	ng		
53) 3-Nitroaniline	9.892	138	120695	30.708	ng		97
54) 2,4-Dinitrophenol	10.004	184	151155	88.816	ng	#	82
55) Dibenzofuran	10.145	168	753332	39.922	ng		93
56) 4-Nitrophenol	10.057	139	243382	83.840	ng	#	75
57) 2,4-Dinitrotoluene	10.127	165	187172	43.053	ng	#	98
58) Fluorene	10.486	166	598741	40.734	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	145894	40.967	ng		94
60) Diethylphthalate	10.357	149	638570	38.669	ng		99
61) 4-Chlorophenyl-phenyle...	10.475	204	274131	39.552	ng		97
62) 4-Nitroaniline	10.510	138	160208	41.277	ng	#	78
63) Azobenzene	10.639	77	682499	37.115	ng		94
65) 4,6-Dinitro-2-methylph...	10.533	198	92672	40.178	ng		81
66) n-Nitrosodiphenylamine	10.598	169	517089	40.171	ng		100
67) 4-Bromophenyl-phenylether	10.969	248	174386	39.759	ng		98
68) Hexachlorobenzene	11.033	284	198613	42.064	ng		93
69) Atrazine	11.122	200	168954	42.320	ng		98
70) Pentachlorophenol	11.227	266	215801	83.725	ng		97
71) Phenanthrene	11.451	178	895295	40.747	ng		99
72) Anthracene	11.504	178	909777	41.593	ng		100
73) Carbazole	11.663	167	793044	39.535	ng		99
74) Di-n-butylphthalate	11.980	149	978529	37.946	ng		99
75) Fluoranthene	12.645	202	874762	41.930	ng		94
77) Benzidine	12.763	184	327931	48.485	ng		97
78) Pyrene	12.874	202	888366	41.085	ng		99
80) Butylbenzylphthalate	13.486	149	382216	37.339	ng		88
81) Benzo(a)anthracene	14.063	228	666739	39.737	ng		100
82) 3,3'-Dichlorobenzidine	14.027	252	182183	34.453	ng	#	95
83) Chrysene	14.104	228	647930	41.065	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	490908	36.528	ng	#	98
85) Di-n-octyl phthalate	14.657	149	722959	37.362	ng		95
87) Indeno(1,2,3-cd)pyrene	17.086	276	557986	44.282	ng	#	85
88) Benzo(b)fluoranthene	15.127	252	568332	44.034	ng	#	93
89) Benzo(k)fluoranthene	15.157	252	545382	43.810	ng	#	94
90) Benzo(a)pyrene	15.504	252	523495	51.926	ng	#	93
91) Dibenzo(a,h)anthracene	17.103	278	471620	45.255	ng	#	90
92) Benzo(g,h,i)perylene	17.545	276	473600	46.096	ng	#	87

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

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