Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
Data File : BF129596.D
Acq On : 05 Aug 2022 12:03
Operator : CG\JU
Sample : PB146630BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 05 16:30:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 16:27:34 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB146630BS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
08/08/2022
Supervised By :Jagrut Upadhyay
08/08/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	173922	20.000	ng		0.00
21) Naphthalene-d8	8.134	136	710927	20.000	ng		0.00
39) Acenaphthene-d10	9.892	164	376733	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	616923	20.000	ng	#	0.00
76) Chrysene-d12	14.027	240	431640	20.000	ng	#	0.00
86) Perylene-d12	15.504	264	324416	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1333921	124.939	ng		0.02
7) Phenol-d6	6.504	99	1643690	122.482	ng		0.00
23) Nitrobenzene-d5	7.422	82	1114722	85.594	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	466708	128.853	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	2007258	82.422	ng		0.00
79) Terphenyl-d14	12.969	244	2118686	92.602	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	167726	34.819	ng		91
3) Pyridine	3.510	79	439360	32.843	ng		89
4) n-Nitrosodimethylamine	3.452	42	252161	42.926	ng		89
6) Aniline	6.516	93	536233	32.142	ng	#	1
8) 2-Chlorophenol	6.645	128	558545	47.885	ng		95
10) Phenol	6.516	94	637203m	44.588	ng		
11) bis(2-Chloroethyl)ether	6.587	93	527575	46.550	ng		92
12) 1,3-Dichlorobenzene	6.792	146	569554	45.528	ng		96
13) 1,4-Dichlorobenzene	6.869	146	572832	45.024	ng		100
14) 1,2-Dichlorobenzene	7.022	146	553012	47.288	ng		98
15) Benzyl Alcohol	7.004	79	478038	49.116	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	684801	40.197	ng	#	10
17) 2-Methylphenol	7.116	107	440714	45.544	ng	#	90
18) Hexachloroethane	7.357	117	220818	46.093	ng		89
19) n-Nitroso-di-n-propyla...	7.269	70	377603	46.478	ng		91
20) 3+4-Methylphenols	7.269	107	547844	44.527	ng		91
22) Acetophenone	7.263	105	749791	45.300	ng		97
24) Nitrobenzene	7.439	77	571055	42.581	ng		97
25) Isophorone	7.675	82	1053340	45.122	ng		100
26) 2-Nitrophenol	7.751	139	300997	45.495	ng		98
27) 2,4-Dimethylphenol	7.792	122	514648m	51.859	ng		
28) bis(2-Chloroethoxy)met...	7.881	93	652634	48.193	ng		99
29) 2,4-Dichlorophenol	7.998	162	456433	44.560	ng		99
30) 1,2,4-Trichlorobenzene	8.075	180	468428	44.182	ng		97
31) Naphthalene	8.157	128	1574928	43.603	ng		100
32) Benzoic acid	7.934	122	228481	31.847	ng		96
33) 4-Chloroaniline	8.210	127	450860	30.404	ng		97
34) Hexachlorobutadiene	8.269	225	277237	46.001	ng		98
35) Caprolactam	8.592	113	145702m	43.752	ng		
36) 4-Chloro-3-methylphenol	8.704	107	495416	45.602	ng		96
37) 2-Methylnaphthalene	8.851	142	1035560	44.118	ng		98
38) 1-Methylnaphthalene	8.945	142	982558	43.363	ng		99
40) 1,2,4,5-Tetrachloroben...	9.016	216	450347	45.525	ng		97
41) Hexachlorocyclopentadiene	8.998	237	425063	96.498	ng		99
43) 2,4,6-Trichlorophenol	9.133	196	300213	41.784	ng		96
44) 2,4,5-Trichlorophenol	9.186	196	312353	39.977	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.316	154	1234897	44.915	ng		99
47) 2-Chloronaphthalene	9.339	162	961176	43.245	ng		99
48) 2-Nitroaniline	9.445	65	311202	42.107	ng	#	83
49) Acenaphthylene	9.757	152	1512491	44.785	ng		99
50) Dimethylphthalate	9.616	163	1134196	43.611	ng		100
51) 2,6-Dinitrotoluene	9.686	165	256834	44.123	ng		91
52) Acenaphthene	9.928	154	1029967m	46.693	ng		
53) 3-Nitroaniline	9.857	138	197412	28.721	ng	#	89
54) 2,4-Dinitrophenol	9.969	184	247486	83.285	ng		89
55) Dibenzofuran	10.104	168	1315944	43.276	ng		98
56) 4-Nitrophenol	10.039	139	327416	64.567	ng		95
57) 2,4-Dinitrotoluene	10.092	165	332723	43.756	ng		97
58) Fluorene	10.445	166	1045530	42.973	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	231118	38.277	ng		92
60) Diethylphthalate	10.316	149	1098628	43.699	ng		100
61) 4-Chlorophenyl-phenyle...	10.433	204	482576	44.991	ng		92
62) 4-Nitroaniline	10.480	138	266646	39.105	ng		92
63) Azobenzene	10.592	77	1062302	41.427	ng		95
65) 4,6-Dinitro-2-methylph...	10.504	198	167850	43.106	ng		90
66) n-Nitrosodiphenylamine	10.557	169	920243	44.792	ng		97
67) 4-Bromophenyl-phenylether	10.922	248	314423	46.543	ng		93
68) Hexachlorobenzene	10.992	284	346283	47.308	ng		98
69) Atrazine	11.086	200	284217	45.545	ng		98
70) Pentachlorophenol	11.192	266	271129	68.136	ng		99
71) Phenanthrene	11.410	178	1460006	43.354	ng		99
72) Anthracene	11.463	178	1479265	44.699	ng		99
73) Carbazole	11.622	167	1381870	44.358	ng		99
74) Di-n-butylphthalate	11.933	149	1702020	45.877	ng		100
75) Fluoranthene	12.598	202	1531631	44.887	ng		99
77) Benzidine	12.722	184	470990	30.887	ng		99
78) Pyrene	12.827	202	1545835	42.827	ng		98
80) Butylbenzylphthalate	13.439	149	711565	45.450	ng		92
81) Benzo(a)anthracene	14.016	228	1279188	43.384	ng		100
82) 3,3'-Dichlorobenzidine	13.980	252	318269	32.693	ng		98
83) Chrysene	14.057	228	1177554	42.375	ng		100
84) Bis(2-ethylhexyl)phtha...	13.992	149	977951	47.446	ng		98
85) Di-n-octyl phthalate	14.604	149	1521103	51.283	ng		96
87) Indeno(1,2,3-cd)pyrene	16.998	276	914107	41.842	ng		100
88) Benzo(b)fluoranthene	15.074	252	1061543	49.329	ng		99
89) Benzo(k)fluoranthene	15.104	252	986214	46.766	ng		100
90) Benzo(a)pyrene	15.445	252	922570	52.812	ng		99
91) Dibenzo(a,h)anthracene	17.009	278	803502	45.189	ng		100
92) Benzo(g,h,i)perylene	17.451	276	810070	44.585	ng		100

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

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