Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127909.D
Acq On : 26 Apr 2022 12:44
Operator : CG\JU
Sample : PB144215BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 27 01:46:49 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 :
PB144215BSD

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.945	152	185850	20.000	ng		0.00
21) Naphthalene-d8	8.228	136	721125	20.000	ng		0.00
39) Acenaphthene-d10	9.992	164	392216	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	658905	20.000	ng		0.00
76) Chrysene-d12	14.133	240	392613	20.000	ng		0.00
86) Perylene-d12	15.645	264	330714	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	1005300	86.157	ng		0.02
7) Phenol-d6	6.575	99	1307391	86.351	ng		0.00
23) Nitrobenzene-d5	7.516	82	1352432	88.191	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	341193	86.415	ng		0.00
45) 2-Fluorobiphenyl	9.310	172	2063644	89.011	ng		0.00
79) Terphenyl-d14	13.069	244	1989188	92.645	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.952	88	192266	34.536	ng		98
3) Pyridine	3.687	79	534811	37.492	ng		99
4) n-Nitrosodimethylamine	3.663	42	320752	46.454	ng		99
6) Aniline	6.610	93	680133	37.809	ng		99
8) 2-Chlorophenol	6.734	128	585600	48.355	ng		97
9) Benzaldehyde	6.498	77	390913	41.736	ng		93
10) Phenol	6.587	94	706104m	46.240	ng		
11) bis(2-Chloroethyl)ether	6.681	93	588362	46.448	ng		96
12) 1,3-Dichlorobenzene	6.887	146	602542	43.223	ng		98
13) 1,4-Dichlorobenzene	6.963	146	602853	43.326	ng		98
14) 1,2-Dichlorobenzene	7.110	146	587461	45.606	ng		98
15) Benzyl Alcohol	7.093	79	470394	45.687	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.216	45	902567	46.620	ng		96
17) 2-Methylphenol	7.198	107	528827	50.610	ng		93
18) Hexachloroethane	7.457	117	240486	47.012	ng		99
19) n-Nitroso-di-n-propyla...	7.363	70	439337	47.403	ng		99
20) 3+4-Methylphenols	7.351	107	541127	42.870	ng	#	90
22) Acetophenone	7.357	105	776458	44.177	ng	#	93
24) Nitrobenzene	7.534	77	687064	46.495	ng		98
25) Isophorone	7.769	82	1279745	49.583	ng		100
26) 2-Nitrophenol	7.845	139	313663	49.812	ng		96
27) 2,4-Dimethylphenol	7.881	122	545692	52.174	ng		99
28) bis(2-Chloroethoxy)met...	7.975	93	752786	45.510	ng		99
29) 2,4-Dichlorophenol	8.087	162	489572	44.680	ng		99
30) 1,2,4-Trichlorobenzene	8.169	180	547375	43.978	ng		99
31) Naphthalene	8.251	128	1614792	43.966	ng		100
32) Benzoic acid	8.016	122	304850	40.664	ng		95
33) 4-Chloroaniline	8.298	127	338861	23.318	ng		100
34) Hexachlorobutadiene	8.357	225	355661	45.366	ng		98
35) Caprolactam	8.687	113	149316m	42.216	ng		
36) 4-Chloro-3-methylphenol	8.787	107	523861	44.766	ng		97
37) 2-Methylnaphthalene	8.945	142	1084619	44.684	ng		100
38) 1-Methylnaphthalene	9.045	142	1030215	43.666	ng		99
40) 1,2,4,5-Tetrachloroben...	9.110	216	506572	43.819	ng		98
41) Hexachlorocyclopentadiene	9.092	237	710296	113.403	ng		100
43) 2,4,6-Trichlorophenol	9.222	196	342572	45.035	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	361251	43.686	ng		100
46) 1,1'-Biphenyl	9.410	154	1296783	44.635	ng		100
47) 2-Chloronaphthalene	9.434	162	958781	43.350	ng		97
48) 2-Nitroaniline	9.534	65	343968	45.976	ng		97
49) Acenaphthylene	9.857	152	1533723	45.334	ng		100
50) Dimethylphthalate	9.710	163	1145975	43.566	ng		100
51) 2,6-Dinitrotoluene	9.775	165	263378	46.246	ng		93
52) Acenaphthene	10.028	154	1082811m	47.606	ng		
53) 3-Nitroaniline	9.945	138	163102	25.790	ng		99
54) 2,4-Dinitrophenol	10.057	184	277520	92.528	ng		89
55) Dibenzofuran	10.198	168	1348772	41.101	ng		98
56) 4-Nitrophenol	10.116	139	361254	74.807	ng		97
57) 2,4-Dinitrotoluene	10.181	165	340862	45.184	ng	#	82
58) Fluorene	10.545	166	1012815	41.361	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.316	232	294345	42.329	ng		99
60) Diethylphthalate	10.410	149	1105176	42.847	ng		99
61) 4-Chlorophenyl-phenyle...	10.533	204	512659	42.130	ng		97
62) 4-Nitroaniline	10.569	138	254216	41.116	ng		100
63) Azobenzene	10.692	77	1189318	41.903	ng		99
65) 4,6-Dinitro-2-methylph...	10.592	198	180871	46.198	ng		98
66) n-Nitrosodiphenylamine	10.651	169	918372	44.793	ng		99
67) 4-Bromophenyl-phenylether	11.022	248	325906	44.618	ng		99
68) Hexachlorobenzene	11.086	284	353207	45.896	ng		99
69) Atrazine	11.180	200	320557	50.563	ng		97
70) Pentachlorophenol	11.286	266	384532	84.934	ng		98
71) Phenanthrene	11.510	178	1459730	42.322	ng		99
72) Anthracene	11.563	178	1491762	43.419	ng		99
73) Carbazole	11.716	167	1329856	40.161	ng		100
74) Di-n-butylphthalate	12.033	149	1620744	43.528	ng		99
75) Fluoranthene	12.698	202	1481892	40.823	ng		99
77) Benzidine	12.822	184	684583	92.153	ng		98
78) Pyrene	12.933	202	1494783	47.163	ng		99
80) Butylbenzylphthalate	13.539	149	627018	50.474	ng		98
81) Benzo(a)anthracene	14.121	228	1201373	45.909	ng		99
82) 3,3'-Dichlorobenzidine	14.080	252	249820	30.066	ng		98
83) Chrysene	14.157	228	1098324	43.947	ng		99
84) Bis(2-ethylhexyl)phtha...	14.092	149	866486	52.598	ng		100
85) Di-n-octyl phthalate	14.716	149	1319088	51.669	ng		99
87) Indeno(1,2,3-cd)pyrene	17.198	276	1020400	46.225	ng		99
88) Benzo(b)fluoranthene	15.198	252	1007423	48.500	ng		99
89) Benzo(k)fluoranthene	15.227	252	945023	45.158	ng		98
90) Benzo(a)pyrene	15.580	252	936032	54.326	ng		98
91) Dibenzo(a,h)anthracene	17.221	278	864876	48.853	ng		98
92) Benzo(g,h,i)perylene	17.680	276	881124	47.227	ng		100

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

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