Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062922\
Data File : BF129043.D
Acq On : 29 Jun 2022 18:58
Operator : CG\JU
Sample : PB145737BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 29 20:40:55 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 :
PB145737BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.957	152	453980	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	1779562	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	922367	20.000	ng		0.00
64) Phenanthrene-d10	11.498	188	1636714	20.000	ng		0.00
76) Chrysene-d12	14.151	240	1154075	20.000	ng		0.00
86) Perylene-d12	15.674	264	952493	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.604	112	2978757	110.930	ng		0.02
7) Phenol-d6	6.593	99	3699413	110.926	ng		0.00
23) Nitrobenzene-d5	7.528	82	2353894	78.897	ng		0.00
42) 2,4,6-Tribromophenol	10.798	330	1139177	113.584	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	4103669	71.175	ng		0.00
79) Terphenyl-d14	13.086	244	4457855	80.214	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.946	88	409112	34.173	ng		88
3) Pyridine	3.734	79	1097249	37.530	ng		86
4) n-Nitrosodimethylamine	3.652	42	551992	41.672	ng		82
6) Aniline	6.628	93	1494751	40.076	ng		97
8) 2-Chlorophenol	6.746	128	1226517	43.475	ng		96
9) Benzaldehyde	6.516	77	775587	57.215	ng		99
10) Phenol	6.604	94	1452503m	42.987	ng		
11) bis(2-Chloroethyl)ether	6.693	93	1153980	43.149	ng		95
12) 1,3-Dichlorobenzene	6.898	146	1287432	41.454	ng		98
13) 1,4-Dichlorobenzene	6.975	146	1312579	41.902	ng		100
14) 1,2-Dichlorobenzene	7.128	146	1263561	42.910	ng		99
15) Benzyl Alcohol	7.104	79	1000566	42.652	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.228	45	1659452	43.443	ng		93
17) 2-Methylphenol	7.210	107	989493	43.102	ng		96
18) Hexachloroethane	7.475	117	472335	42.950	ng		96
19) n-Nitroso-di-n-propyla...	7.375	70	834720	43.267	ng		90
20) 3+4-Methylphenols	7.363	107	1234493	42.286	ng		98
22) Acetophenone	7.375	105	1648345	40.378	ng	#	92
24) Nitrobenzene	7.545	77	1234728	42.772	ng		93
25) Isophorone	7.787	82	2246204	44.548	ng		97
26) 2-Nitrophenol	7.857	139	628094	46.816	ng		89
27) 2,4-Dimethylphenol	7.893	122	1136839	46.935	ng		95
28) bis(2-Chloroethoxy)met...	7.987	93	1400633	40.447	ng		99
29) 2,4-Dichlorophenol	8.098	162	1010508	40.902	ng		97
30) 1,2,4-Trichlorobenzene	8.181	180	1057301	38.891	ng		97
31) Naphthalene	8.269	128	3302562	40.880	ng		98
32) Benzoic acid	8.016	122	805150	41.432	ng		97
33) 4-Chloroaniline	8.310	127	904219	27.777	ng		97
34) Hexachlorobutadiene	8.381	225	636975	39.239	ng		99
35) Caprolactam	8.704	113	309102m	39.456	ng		
36) 4-Chloro-3-methylphenol	8.792	107	1046816	41.704	ng		89
37) 2-Methylnaphthalene	8.957	142	2256441	41.508	ng		100
38) 1-Methylnaphthalene	9.057	142	2144311	40.618	ng		98
40) 1,2,4,5-Tetrachloroben...	9.122	216	1031466	39.785	ng		99
41) Hexachlorocyclopentadiene	9.110	237	1387126	101.359	ng		98
43) 2,4,6-Trichlorophenol	9.234	196	735999	41.677	ng		96

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44) 2,4,5-Trichlorophenol	9.275	196	756860	40.293	ng		97
46) 1,1'-Biphenyl	9.422	154	2723458	41.071	ng		96
47) 2-Chloronaphthalene	9.451	162	2065895	40.343	ng		98
48) 2-Nitroaniline	9.545	65	617317	45.770	ng	#	82
49) Acenaphthylene	9.869	152	3209131	41.243	ng		96
50) Dimethylphthalate	9.728	163	2364709	40.980	ng		99
51) 2,6-Dinitrotoluene	9.787	165	538313	45.653	ng		94
52) Acenaphthene	10.039	154	2289698	45.176	ng		97
53) 3-Nitroaniline	9.957	138	457318	32.523	ng	#	88
54) 2,4-Dinitrophenol	10.063	184	528939	82.698	ng	#	78
55) Dibenzofuran	10.210	168	2941410	39.855	ng		96
56) 4-Nitrophenol	10.116	139	997375	86.812	ng		94
57) 2,4-Dinitrotoluene	10.192	165	709245	48.723	ng	#	87
58) Fluorene	10.557	166	2316513	40.579	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.328	232	636345	40.891	ng		100
60) Diethylphthalate	10.428	149	2339752	40.466	ng		97
61) 4-Chlorophenyl-phenyle...	10.545	204	1127526	39.641	ng		98
62) 4-Nitroaniline	10.581	138	602710	43.225	ng		88
63) Azobenzene	10.704	77	2303599	40.664	ng		95
65) 4,6-Dinitro-2-methylph...	10.598	198	303072	41.855	ng		90
66) n-Nitrosodiphenylamine	10.663	169	2066884	41.581	ng		96
67) 4-Bromophenyl-phenylether	11.039	248	713772	40.997	ng		95
68) Hexachlorobenzene	11.104	284	811681	41.868	ng		94
69) Atrazine	11.192	200	696973	49.828	ng		98
70) Pentachlorophenol	11.298	266	948850	82.172	ng		98
71) Phenanthrene	11.522	178	3171420	40.554	ng		96
72) Anthracene	11.575	178	3234663	41.953	ng		95
73) Carbazole	11.728	167	3060606	39.615	ng		97
74) Di-n-butylphthalate	12.051	149	3363559	41.291	ng		97
75) Fluoranthene	12.716	202	3306173	40.425	ng		93
77) Benzidine	12.839	184	1986630	96.674	ng		100
78) Pyrene	12.945	202	3398153	42.479	ng		97
80) Butylbenzylphthalate	13.557	149	1438306	44.135	ng		96
81) Benzo(a)anthracene	14.139	228	2909318	41.287	ng		96
82) 3,3'-Dichlorobenzidine	14.098	252	671965	44.133	ng		97
83) Chrysene	14.174	228	2637106	40.312	ng		96
84) Bis(2-ethylhexyl)phtha...	14.116	149	1930393	44.571	ng		96
85) Di-n-octyl phthalate	14.739	149	2811545	43.975	ng		96
87) Indeno(1,2,3-cd)pyrene	17.233	276	2408805	41.233	ng		99
88) Benzo(b)fluoranthene	15.221	252	2545410	44.436	ng		99
89) Benzo(k)fluoranthene	15.251	252	2423706	43.623	ng		98
90) Benzo(a)pyrene	15.610	252	2150366	46.049	ng		97
91) Dibenzo(a,h)anthracene	17.257	278	2085131	43.785	ng		99
92) Benzo(g,h,i)perylene	17.710	276	2034874	42.590	ng		98

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

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