Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
Data File : BF129246.D
Acq On : 15 Jul 2022 19:21
Operator : CG\JU
Sample : N3731-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 16 01:42:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 12:55:49 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	257767	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	1038305	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	527281	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	854486	20.000	ng	#	0.00
76) Chrysene-d12	14.074	240	450864	20.000	ng		0.00
86) Perylene-d12	15.562	264	483233	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1931854	119.693	ng		0.01
7) Phenol-d6	6.528	99	2498914	119.709	ng		0.00
23) Nitrobenzene-d5	7.463	82	1578361	81.258	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	598000	122.189	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	2634821	84.659	ng		0.00
79) Terphenyl-d14	13.016	244	2296312	95.277	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	314901	42.825	ng		91
3) Pyridine	3.546	79	813527	43.021	ng		92
4) n-Nitrosodimethylamine	3.499	42	425837	47.674	ng		90
6) Aniline	6.563	93	996773	40.644	ng		100
8) 2-Chlorophenol	6.687	128	854850	50.300	ng		97
9) Benzaldehyde	6.451	77	470163	36.701	ng		96
10) Phenol	6.540	94	1006674m	48.008	ng		
11) bis(2-Chloroethyl)ether	6.634	93	842262	49.526	ng		96
12) 1,3-Dichlorobenzene	6.840	146	859696	47.568	ng		99
13) 1,4-Dichlorobenzene	6.916	146	870288	47.609	ng		99
14) 1,2-Dichlorobenzene	7.069	146	831300	48.789	ng		98
15) Benzyl Alcohol	7.039	79	705984	50.782	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1327957	49.005	ng		94
17) 2-Methylphenol	7.151	107	671325	46.992	ng		98
18) Hexachloroethane	7.410	117	334154	48.923	ng	#	88
19) n-Nitroso-di-n-propyla...	7.310	70	580709	47.295	ng		97
20) 3+4-Methylphenols	7.298	107	807509	45.991	ng		96
22) Acetophenone	7.310	105	1115462	46.553	ng	#	98
24) Nitrobenzene	7.481	77	889711	48.151	ng		97
25) Isophorone	7.722	82	1670661	51.176	ng		99
26) 2-Nitrophenol	7.798	139	454129	48.928	ng		91
27) 2,4-Dimethylphenol	7.828	122	774185	53.642	ng		97
28) bis(2-Chloroethoxy)met...	7.928	93	1025858	47.176	ng		99
29) 2,4-Dichlorophenol	8.039	162	677815	47.241	ng		98
30) 1,2,4-Trichlorobenzene	8.122	180	674022	45.273	ng		97
31) Naphthalene	8.204	128	2324553	47.253	ng		100
32) Benzoic acid	7.951	122	469632	41.897	ng		96
33) 4-Chloroaniline	8.251	127	681162	33.390	ng		98
34) Hexachlorobutadiene	8.316	225	382814	45.705	ng		99
35) Caprolactam	8.628	113	227820m	47.799	ng		
36) 4-Chloro-3-methylphenol	8.733	107	737467	47.116	ng		93
37) 2-Methylnaphthalene	8.892	142	1525416	47.575	ng		99
38) 1-Methylnaphthalene	8.998	142	1444642	46.589	ng		97
40) 1,2,4,5-Tetrachloroben...	9.063	216	622590	47.492	ng	#	98
41) Hexachlorocyclopentadiene	9.045	237	557399	84.493	ng		100
43) 2,4,6-Trichlorophenol	9.169	196	462578	47.919	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	489816	47.969	ng	#	93
46) 1,1'-Biphenyl	9.357	154	1795081	48.133	ng		98
47) 2-Chloronaphthalene	9.386	162	1404440	47.811	ng		100
48) 2-Nitroaniline	9.480	65	481613	48.800	ng		96
49) Acenaphthylene	9.804	152	2125052	48.064	ng		99
50) Dimethylphthalate	9.663	163	1659847	48.510	ng		100
51) 2,6-Dinitrotoluene	9.728	165	373895	50.498	ng		93
52) Acenaphthene	9.975	154	1503628m	52.028	ng		
53) 3-Nitroaniline	9.892	138	324694	36.724	ng	#	98
54) 2,4-Dinitrophenol	10.004	184	380978	96.006	ng		90
55) Dibenzofuran	10.151	168	1914595	46.668	ng		98
56) 4-Nitrophenol	10.057	139	687580	98.254	ng		96
57) 2,4-Dinitrotoluene	10.128	165	500137	51.511	ng		98
58) Fluorene	10.492	166	1492539	47.832	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	364806	46.249	ng	#	90
60) Diethylphthalate	10.363	149	1618867	48.924	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	667206	46.158	ng		91
62) 4-Nitroaniline	10.516	138	412000	47.068	ng		91
63) Azobenzene	10.639	77	1643737	46.537	ng		95
65) 4,6-Dinitro-2-methylph...	10.539	198	248966	46.115	ng		92
66) n-Nitrosodiphenylamine	10.604	169	1330487	48.802	ng		96
67) 4-Bromophenyl-phenylether	10.975	248	434816	48.340	ng		96
68) Hexachlorobenzene	11.039	284	453242	48.004	ng		98
69) Atrazine	11.127	200	424588	56.177	ng		97
70) Pentachlorophenol	11.233	266	490685	87.396	ng		98
71) Phenanthrene	11.457	178	2137039	49.260	ng		99
72) Anthracene	11.510	178	2073034	48.104	ng		99
73) Carbazole	11.663	167	1932515	44.957	ng		99
74) Di-n-butylphthalate	11.986	149	2413989	48.867	ng		99
75) Fluoranthene	12.657	202	2159881	49.989	ng		96
77) Benzidine	12.769	184	561799	44.515	ng		100
78) Pyrene	12.880	202	2060341	56.420	ng		100
80) Butylbenzylphthalate	13.486	149	877380	53.941	ng		96
81) Benzo(a)anthracene	14.063	228	1488134	52.327	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	481362	67.663	ng	#	96
83) Chrysene	14.098	228	1365973	50.321	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	1170676	54.089	ng		98
85) Di-n-octyl phthalate	14.651	149	1722914	55.501	ng		100
87) Indeno(1,2,3-cd)pyrene	17.074	276	1734302	57.556	ng		97
88) Benzo(b)fluoranthene	15.127	252	1566573	52.770	ng		98
89) Benzo(k)fluoranthene	15.157	252	1334209	46.001	ng		99
90) Benzo(a)pyrene	15.498	252	1350370	55.875	ng	#	96
91) Dibenzo(a,h)anthracene	17.098	278	1432184	58.760	ng		97
92) Benzo(g,h,i)perylene	17.539	276	1540375	61.826	ng		96

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

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