Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129096.D
Acq On : 01 Jul 2022 17:25
Operator : CG\JU
Sample : N3561-04MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-4MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

Quant Time: Jul 02 01:25:50 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.957	152	360024	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	1400561	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	727295	20.000	ng		0.00
64) Phenanthrene-d10	11.492	188	1281555	20.000	ng		0.00
76) Chrysene-d12	14.145	240	792779	20.000	ng		0.00
86) Perylene-d12	15.662	264	613757	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	2369892	111.288	ng		0.00
7) Phenol-d6	6.587	99	3032448	114.657	ng		0.00
23) Nitrobenzene-d5	7.522	82	1922458	81.873	ng		0.00
42) 2,4,6-Tribromophenol	10.798	330	915583	115.776	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	3443923	75.754	ng		0.00
79) Terphenyl-d14	13.080	244	3481888	91.206	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.893	88	422084	44.457	ng		87
3) Pyridine	3.669	79	1113493	48.024	ng		85
4) n-Nitrosodimethylamine	3.610	42	513613	48.894	ng	#	78
6) Aniline	6.622	93	1529622	51.713	ng		97
8) 2-Chlorophenol	6.745	128	1169263	52.261	ng		93
9) Benzaldehyde	6.510	77	680288	70.148	ng		99
10) Phenol	6.598	94	1377419	51.403	ng		89
11) bis(2-Chloroethyl)ether	6.692	93	1089361	51.362	ng		90
12) 1,3-Dichlorobenzene	6.898	146	1234456	50.122	ng		97
13) 1,4-Dichlorobenzene	6.975	146	1247595	50.221	ng		99
14) 1,2-Dichlorobenzene	7.128	146	1212503	51.922	ng		100
15) Benzyl Alcohol	7.098	79	938267	50.434	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.228	45	1553261	51.275	ng		91
17) 2-Methylphenol	7.204	107	936221	51.424	ng		97
18) Hexachloroethane	7.469	117	453326	51.979	ng		92
19) n-Nitroso-di-n-propyla...	7.369	70	778898	50.910	ng		89
20) 3+4-Methylphenols	7.357	107	1154033	49.846	ng		94
22) Acetophenone	7.369	105	1551752	48.298	ng	#	93
24) Nitrobenzene	7.539	77	1172042	51.588	ng		94
25) Isophorone	7.781	82	2178256	54.890	ng		97
26) 2-Nitrophenol	7.857	139	629915	59.657	ng	#	84
27) 2,4-Dimethylphenol	7.887	122	1089085	57.131	ng		97
28) bis(2-Chloroethoxy)met...	7.987	93	1346703	49.413	ng		99
29) 2,4-Dichlorophenol	8.092	162	974335	50.111	ng		98
30) 1,2,4-Trichlorobenzene	8.181	180	998505	46.667	ng		98
31) Naphthalene	8.263	128	3150711	49.554	ng		98
32) Benzoic acid	8.004	122	610701	39.929	ng		94
33) 4-Chloroaniline	8.310	127	1009841	39.416	ng		95
34) Hexachlorobutadiene	8.375	225	614307	48.083	ng		99
35) Caprolactam	8.692	113	308310m	50.004	ng		
36) 4-Chloro-3-methylphenol	8.786	107	997469	50.491	ng		92
37) 2-Methylnaphthalene	8.957	142	2154336	50.354	ng		100
38) 1-Methylnaphthalene	9.057	142	2041521	49.136	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	999128	48.874	ng		99
41) Hexachlorocyclopentadiene	9.104	237	1222090	113.251	ng		99
43) 2,4,6-Trichlorophenol	9.228	196	694461	49.873	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.269	196	718997	48.544	ng		97
46)	1,1'-Biphenyl	9.422	154	2574272	49.233	ng		98
47)	2-Chloronaphthalene	9.445	162	1993604	49.373	ng		99
48)	2-Nitroaniline	9.539	65	597362	56.170	ng	#	84
49)	Acenaphthylene	9.863	152	3118089	50.821	ng		97
50)	Dimethylphthalate	9.722	163	2269750	49.885	ng		98
51)	2,6-Dinitrotoluene	9.781	165	526251	56.601	ng		98
52)	Acenaphthene	10.039	154	2126289	53.204	ng		98
53)	3-Nitroaniline	9.957	138	470620	42.446	ng	#	81
54)	2,4-Dinitrophenol	10.057	184	462375	90.934	ng	#	85
55)	Dibenzofuran	10.210	168	2799499	48.107	ng		96
56)	4-Nitrophenol	10.110	139	906300	100.043	ng		95
57)	2,4-Dinitrotoluene	10.186	165	697168	60.739	ng		93
58)	Fluorene	10.551	166	2199080	48.854	ng		97
59)	2,3,4,6-Tetrachlorophenol	10.322	232	597776	48.716	ng		99
60)	Diethylphthalate	10.422	149	2244197	49.224	ng		97
61)	4-Chlorophenyl-phenyle...	10.539	204	1086394	48.439	ng		96
62)	4-Nitroaniline	10.575	138	566942	51.565	ng		89
63)	Azobenzene	10.704	77	2159351	48.342	ng		92
65)	4,6-Dinitro-2-methylph...	10.598	198	305812	53.937	ng	#	73
66)	n-Nitrosodiphenylamine	10.663	169	1944099	49.949	ng		95
67)	4-Bromophenyl-phenylether	11.033	248	694650	50.956	ng		98
68)	Hexachlorobenzene	11.098	284	768826	50.648	ng		99
69)	Atrazine	11.192	200	650547	59.399	ng		99
70)	Pentachlorophenol	11.292	266	831062	91.917	ng		99
71)	Phenanthrene	11.522	178	2956812	48.288	ng		96
72)	Anthracene	11.575	178	3061469	50.711	ng		98
73)	Carbazole	11.727	167	2797426	46.243	ng		99
74)	Di-n-butylphthalate	12.045	149	3294481	51.652	ng		98
75)	Fluoranthene	12.710	202	3127150	48.833	ng		95
77)	Benzidine	12.833	184	1828337	129.518	ng		100
78)	Pyrene	12.945	202	3138130	57.107	ng		97
80)	Butylbenzylphthalate	13.557	149	1314184	58.704	ng		90
81)	Benzo(a)anthracene	14.133	228	2442337	50.456	ng		98
82)	3,3'-Dichlorobenzidine	14.092	252	600056	57.371	ng		98
83)	Chrysene	14.168	228	2203315	49.030	ng		97
84)	Bis(2-ethylhexyl)phtha...	14.110	149	1777164	59.733	ng		96
85)	Di-n-octyl phthalate	14.727	149	2407222	54.810	ng		95
87)	Indeno(1,2,3-cd)pyrene	17.227	276	2158021	57.328	ng		99
88)	Benzo(b)fluoranthene	15.210	252	1999628	54.174	ng		98
89)	Benzo(k)fluoranthene	15.245	252	1848286	51.627	ng		99
90)	Benzo(a)pyrene	15.598	252	1703919	56.627	ng		96
91)	Dibenzo(a,h)anthracene	17.245	278	1874787	61.095	ng		97
92)	Benzo(g,h,i)perylene	17.704	276	1899208	61.689	ng		99

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

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