Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101122\
Data File : BF130616.D
Acq On : 11 Oct 2022 13:54
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 12 06:18:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:13:35 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/12/2022
Supervised By :Jagrut Upadhyay 10/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.593	152	123591	20.000	ng	0.00
21) Naphthalene-d8	7.875	136	380229	20.000	ng	0.00
39) Acenaphthene-d10	9.622	164	204588	20.000	ng	0.00
64) Phenanthrene-d10	11.104	188	343568	20.000	ng	0.00
76) Chrysene-d12	13.733	240	196818	20.000	ng	0.00
86) Perylene-d12	15.098	264	212992	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	727599	102.111	ng	0.00
7) Phenol-d6	6.246	99	1031471	115.691	ng	0.00
23) Nitrobenzene-d5	7.169	82	914261	122.842	ng	0.00
42) 2,4,6-Tribromophenol	10.416	330	252188	128.645	ng	0.00
45) 2-Fluorobiphenyl	8.951	172	1596533	113.636	ng	0.00
79) Terphenyl-d14	12.686	244	1434262	120.713	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.146	88	233349	71.306	ng	99
3) Pyridine	2.805	79	401473	47.029	ng	98
4) n-Nitrosodimethylamine	2.787	42	187244	40.328	ng	96
6) Aniline	6.263	93	601516	54.756	ng	91
8) 2-Chlorophenol	6.381	128	477554	58.834	ng	97
9) Benzaldehyde	6.140	77	294618	49.332	ng	97
10) Phenol	6.257	94	578029	55.322	ng	99
11) bis(2-Chloroethyl)ether	6.340	93	442635	58.734	ng	99
12) 1,3-Dichlorobenzene	6.528	146	513166	57.456	ng	98
13) 1,4-Dichlorobenzene	6.610	146	530958	58.296	ng	97
14) 1,2-Dichlorobenzene	6.763	146	433342	50.932	ng	98
15) Benzyl Alcohol	6.751	79	332480	47.034	ng	98
16) 2,2'-oxybis(1-Chloropr...	6.881	45	501020	45.581	ng	99
17) 2-Methylphenol	6.863	107	352097	53.361	ng	99
18) Hexachloroethane	7.098	117	180903	50.389	ng	98
19) n-Nitroso-di-n-propyla...	7.028	70	320515	53.276	ng	97
20) 3+4-Methylphenols	7.022	107	484298	56.500	ng	93
22) Acetophenone	7.016	105	636597	68.480	ng	99
24) Nitrobenzene	7.187	77	457017	60.475	ng	100
25) Isophorone	7.428	82	834871	69.598	ng	100
26) 2-Nitrophenol	7.498	139	212360	68.549	ng	95
27) 2,4-Dimethylphenol	7.545	122	289398	60.671	ng	99
28) bis(2-Chloroethoxy)met...	7.640	93	403518	59.740	ng	100
29) 2,4-Dichlorophenol	7.745	162	330878	63.300	ng	96
30) 1,2,4-Trichlorobenzene	7.816	180	353356	62.526	ng	99
31) Naphthalene	7.898	128	1155625	58.994	ng	100
32) Benzoic acid	7.710	122	204143	55.342	ng	91
33) 4-Chloroaniline	7.957	127	440258	59.093	ng	98
34) Hexachlorobutadiene	8.010	225	219218	60.696	ng	99
35) Caprolactam	8.351	113	99520m	66.413	ng	
36) 4-Chloro-3-methylphenol	8.445	107	346672	59.835	ng	94
37) 2-Methylnaphthalene	8.587	142	758521	60.732	ng	98
38) 1-Methylnaphthalene	8.687	142	732141	61.021	ng	99
40) 1,2,4,5-Tetrachloroben...	8.751	216	331292	59.336	ng	98
41) Hexachlorocyclopentadiene	8.734	237	121541	40.659	ng	99
43) 2,4,6-Trichlorophenol	8.869	196	229270	58.838	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	8.916	196	253929	60.389	ng		96
46)	1,1'-Biphenyl	9.051	154	876299	57.351	ng		98
47)	2-Chloronaphthalene	9.075	162	719887	58.242	ng		98
48)	2-Nitroaniline	9.181	65	219944	53.352	ng		92
49)	Acenaphthylene	9.486	152	1052975	56.819	ng		99
50)	Dimethylphthalate	9.363	163	845197	59.807	ng		99
51)	2,6-Dinitrotoluene	9.428	165	185211	62.665	ng		95
52)	Acenaphthene	9.657	154	653121	53.639	ng		99
53)	3-Nitroaniline	9.598	138	202026	61.344	ng		99
54)	2,4-Dinitrophenol	9.704	184	93757	69.211	ng	#	92
55)	Dibenzofuran	9.828	168	972266	57.407	ng		99
56)	4-Nitrophenol	9.769	139	124414	51.867	ng		97
57)	2,4-Dinitrotoluene	9.828	165	237941	62.993	ng		99
58)	Fluorene	10.175	166	790687	57.086	ng		99
59)	2,3,4,6-Tetrachlorophenol	9.951	232	194311	59.039	ng		98
60)	Diethylphthalate	10.057	149	818882	57.783	ng		99
61)	4-Chlorophenyl-phenyle...	10.163	204	368422	60.635	ng		99
62)	4-Nitroaniline	10.210	138	192483	58.180	ng		99
63)	Azobenzene	10.328	77	757670	51.921	ng		97
65)	4,6-Dinitro-2-methylph...	10.239	198	135527	70.862	ng		96
66)	n-Nitrosodiphenylamine	10.292	169	673464	58.659	ng		99
67)	4-Bromophenyl-phenylether	10.651	248	240278	63.396	ng		96
68)	Hexachlorobenzene	10.716	284	271641	63.226	ng	#	92
69)	Atrazine	10.822	200	178375	53.164	ng		99
70)	Pentachlorophenol	10.916	266	111787	48.481	ng		96
71)	Phenanthrene	11.128	178	1100411	57.048	ng		99
72)	Anthracene	11.180	178	1076081	57.808	ng		100
73)	Carbazole	11.339	167	939945	55.951	ng		99
74)	Di-n-butylphthalate	11.675	149	1179964	58.246	ng		99
75)	Fluoranthene	12.310	202	1050006	56.333	ng		98
77)	Benzidine	12.439	184	238434	41.732	ng		99
78)	Pyrene	12.533	202	1050421	61.008	ng		99
80)	Butylbenzylphthalate	13.163	149	415025	65.066	ng		95
81)	Benzo(a)anthracene	13.722	228	807520	61.674	ng		99
82)	3,3'-Dichlorobenzidine	13.692	252	230993	64.810	ng	#	96
83)	Chrysene	13.757	228	765624	61.584	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.722	149	522133	71.465	ng		98
85)	Di-n-octyl phthalate	14.333	149	927050	82.959	ng		100
87)	Indeno(1,2,3-cd)pyrene	16.398	276	1072493	71.007	ng		98
88)	Benzo(b)fluoranthene	14.727	252	806293	57.999	ng		99
89)	Benzo(k)fluoranthene	14.751	252	769367	56.260	ng		97
90)	Benzo(a)pyrene	15.051	252	664250	60.312	ng		99
91)	Dibenzo(a,h)anthracene	16.415	278	870033	70.216	ng		99
92)	Benzo(g,h,i)perylene	16.792	276	691807	55.425	ng		97

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

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