Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072022\
Data File : BF129287.D
Acq On : 20 Jul 2022 11:47
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 20 12:23:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 12:05:29 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	229043	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	855795	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	445550	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	752773	20.000	ng	#	0.00
76) Chrysene-d12	14.074	240	459228	20.000	ng	#	0.00
86) Perylene-d12	15.568	264	380341	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1300321	90.668	ng		0.00
7) Phenol-d6	6.528	99	1665472	89.789	ng		0.00
23) Nitrobenzene-d5	7.463	82	1515458	94.658	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	408236	98.716	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	2432016	92.477	ng		0.00
79) Terphenyl-d14	13.016	244	2398732	97.714	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	303073	46.386	ng		91
3) Pyridine	3.469	79	848160	50.477	ng		93
4) n-Nitrosodimethylamine	3.428	42	381213	48.030	ng		92
6) Aniline	6.563	93	1049398	48.155	ng		100
8) 2-Chlorophenol	6.687	128	719058	47.616	ng		96
9) Benzaldehyde	6.451	77	572800	50.320	ng		98
10) Phenol	6.540	94	902791m	48.453	ng		
11) bis(2-Chloroethyl)ether	6.634	93	699302	46.276	ng		95
12) 1,3-Dichlorobenzene	6.840	146	772879	48.127	ng		98
13) 1,4-Dichlorobenzene	6.916	146	782522	48.176	ng		99
14) 1,2-Dichlorobenzene	7.069	146	712086	47.033	ng		98
15) Benzyl Alcohol	7.040	79	622537	50.395	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1071980	44.520	ng		94
17) 2-Methylphenol	7.145	107	596639	47.002	ng		99
18) Hexachloroethane	7.410	117	298548	49.191	ng		91
19) n-Nitroso-di-n-propyla...	7.310	70	485854	44.532	ng		96
20) 3+4-Methylphenols	7.304	107	713975	45.763	ng	#	88
22) Acetophenone	7.310	105	919034	46.535	ng	#	99
24) Nitrobenzene	7.487	77	783985	51.478	ng		93
25) Isophorone	7.722	82	1342191	49.882	ng		99
26) 2-Nitrophenol	7.798	139	391437	51.168	ng		94
27) 2,4-Dimethylphenol	7.828	122	575845	48.408	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	772134	43.080	ng		98
29) 2,4-Dichlorophenol	8.039	162	595415	50.348	ng		97
30) 1,2,4-Trichlorobenzene	8.122	180	603103	49.148	ng		97
31) Naphthalene	8.204	128	2040369	50.322	ng		99
32) Benzoic acid	7.957	122	457586	49.528	ng		98
33) 4-Chloroaniline	8.251	127	849091	50.498	ng		99
34) Hexachlorobutadiene	8.316	225	349068	50.564	ng		99
35) Caprolactam	8.634	113	196414	49.998	ng	#	85
36) 4-Chloro-3-methylphenol	8.734	107	632114	48.998	ng		93
37) 2-Methylnaphthalene	8.892	142	1316862	49.830	ng		100
38) 1-Methylnaphthalene	8.992	142	1285530	50.299	ng		97
40) 1,2,4,5-Tetrachloroben...	9.057	216	552177	49.847	ng		98
41) Hexachlorocyclopentadiene	9.045	237	278801	50.014	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	409950	50.257	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.210	196	444478	51.514	ng	#	93
46)	1,1'-Biphenyl	9.357	154	1516156	48.111	ng		99
47)	2-Chloronaphthalene	9.386	162	1231785	49.625	ng		100
48)	2-Nitroaniline	9.481	65	438899	52.630	ng		95
49)	Acenaphthylene	9.804	152	1904998	50.990	ng		100
50)	Dimethylphthalate	9.663	163	1446825	50.040	ng		100
51)	2,6-Dinitrotoluene	9.722	165	334570	53.476	ng		91
52)	Acenaphthene	9.975	154	1230436m	50.385	ng		
53)	3-Nitroaniline	9.898	138	393502	52.670	ng	#	90
54)	2,4-Dinitrophenol	9.998	184	182878	54.539	ng		98
55)	Dibenzofuran	10.145	168	1698774	49.003	ng		95
56)	4-Nitrophenol	10.051	139	301201	50.936	ng		97
57)	2,4-Dinitrotoluene	10.128	165	447045	54.489	ng		98
58)	Fluorene	10.492	166	1323494	50.195	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.263	232	348387	52.269	ng		91
60)	Diethylphthalate	10.357	149	1387285	49.616	ng		100
61)	4-Chlorophenyl-phenyle...	10.480	204	591374	48.417	ng		95
62)	4-Nitroaniline	10.516	138	397721	53.772	ng		93
63)	Azobenzene	10.639	77	1438053	48.182	ng		95
65)	4,6-Dinitro-2-methylph...	10.539	198	246141	51.752	ng		95
66)	n-Nitrosodiphenylamine	10.598	169	1181506	49.193	ng		96
67)	4-Bromophenyl-phenylether	10.969	248	389990	49.215	ng		93
68)	Hexachlorobenzene	11.039	284	423881	50.960	ng		99
69)	Atrazine	11.128	200	366431	55.033	ng		97
70)	Pentachlorophenol	11.233	266	251602	50.868	ng		99
71)	Phenanthrene	11.457	178	1913012	50.054	ng		100
72)	Anthracene	11.510	178	1898804	50.015	ng		100
73)	Carbazole	11.663	167	1787872	47.212	ng		99
74)	Di-n-butylphthalate	11.980	149	2075552	47.693	ng		99
75)	Fluoranthene	12.645	202	1952456	51.294	ng		97
77)	Benzidine	12.769	184	907355	70.586	ng		99
78)	Pyrene	12.880	202	1956314	52.596	ng		99
80)	Butylbenzylphthalate	13.486	149	810342	48.912	ng		96
81)	Benzo(a)anthracene	14.069	228	1519084	52.443	ng		100
82)	3,3'-Dichlorobenzidine	14.027	252	502761	69.384	ng	#	97
83)	Chrysene	14.104	228	1405432	50.831	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.039	149	968472	43.932	ng		98
85)	Di-n-octyl phthalate	14.657	149	1372335	43.403	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.092	276	1371785	57.841	ng		99
88)	Benzo(b)fluoranthene	15.127	252	1260883	53.963	ng		98
89)	Benzo(k)fluoranthene	15.157	252	1100126	48.191	ng		98
90)	Benzo(a)pyrene	15.504	252	990851	52.091	ng		98
91)	Dibenzo(a,h)anthracene	17.104	278	1096997	57.184	ng		97
92)	Benzo(g,h,i)perylene	17.551	276	1179449	60.146	ng		98

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

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