Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072522\
Data File : BF129330.D
Acq On : 25 Jul 2022 13:23
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 25 16:14:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 16:12:28 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	248756	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	991886	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	533115	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	924192	20.000	ng	#	0.00
76) Chrysene-d12	14.063	240	749132	20.000	ng		0.00
86) Perylene-d12	15.551	264	681656	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	174321	11.430	ng		0.00
7) Phenol-d6	6.498	99	216262	11.124	ng		-0.02
23) Nitrobenzene-d5	7.440	82	190054	10.308	ng		-0.01
42) 2,4,6-Tribromophenol	10.710	330	56469	10.979	ng		-0.01
45) 2-Fluorobiphenyl	9.239	172	394150	11.374	ng		0.00
79) Terphenyl-d14	12.998	244	425505	10.579	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	36094	5.337	ng		88
3) Pyridine	3.510	79	92688	4.964	ng		88
4) n-Nitrosodimethylamine	3.399	42	43642	5.206	ng	#	93
6) Aniline	6.545	93	126438	5.285	ng		96
8) 2-Chlorophenol	6.663	128	92353	5.524	ng		98
9) Benzaldehyde	6.434	77	74405	5.579	ng		100
10) Phenol	6.516	94	112967	5.529	ng		90
11) bis(2-Chloroethyl)ether	6.610	93	87866	5.433	ng		93
12) 1,3-Dichlorobenzene	6.822	146	98614	5.473	ng		99
13) 1,4-Dichlorobenzene	6.898	146	100223	5.497	ng		98
14) 1,2-Dichlorobenzene	7.051	146	95482	5.667	ng		99
15) Benzyl Alcohol	7.022	79	72812	5.162	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	131635	5.339	ng		92
17) 2-Methylphenol	7.128	107	76402	5.607	ng		98
18) Hexachloroethane	7.398	117	36892	5.393	ng		94
19) n-Nitroso-di-n-propyla...	7.281	70	66887	5.774	ng		99
20) 3+4-Methylphenols	7.281	107	98895	5.565	ng		97
22) Acetophenone	7.287	105	132685	5.697	ng		98
24) Nitrobenzene	7.463	77	97758	5.148	ng		93
25) Isophorone	7.698	82	167940	5.188	ng		99
26) 2-Nitrophenol	7.781	139	43774	4.778	ng		93
27) 2,4-Dimethylphenol	7.810	122	70986m	5.150	ng		
28) bis(2-Chloroethoxy)met...	7.910	93	100015	5.334	ng		99
29) 2,4-Dichlorophenol	8.022	162	73284	5.111	ng		96
30) 1,2,4-Trichlorobenzene	8.104	180	79828	5.357	ng		97
31) Naphthalene	8.187	128	284484	5.592	ng		99
33) 4-Chloroaniline	8.234	127	110613	5.331	ng		97
34) Hexachlorobutadiene	8.304	225	44613	5.238	ng		99
35) Caprolactam	8.569	113	23384	5.114	ng	#	80
36) 4-Chloro-3-methylphenol	8.710	107	78746	5.170	ng		90
37) 2-Methylnaphthalene	8.881	142	184434	5.595	ng		99
38) 1-Methylnaphthalene	8.981	142	177113	5.553	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	76313	5.453	ng		98
41) Hexachlorocyclopentadiene	9.028	237	22758	3.689	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	52529	5.136	ng		95
44) 2,4,5-Trichlorophenol	9.192	196	57890	5.217	ng		95

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	9.339	154	217583	5.523	ng		99
47)	2-Chloronaphthalene	9.369	162	175207	5.552	ng		95
48)	2-Nitroaniline	9.463	65	51400	4.850	ng		92
49)	Acenaphthylene	9.786	152	266921	5.508	ng		98
50)	Dimethylphthalate	9.639	163	201503	5.502	ng		98
51)	2,6-Dinitrotoluene	9.704	165	41766	5.093	ng		95
52)	Acenaphthene	9.957	154	173290	5.510	ng		99
53)	3-Nitroaniline	9.875	138	48877	5.009	ng	#	89
55)	Dibenzofuran	10.128	168	246737	5.646	ng		98
56)	4-Nitrophenol	10.028	139	34180	4.797	ng		92
57)	2,4-Dinitrotoluene	10.104	165	54535	5.072	ng		99
58)	Fluorene	10.475	166	201736	5.784	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.245	232	45303	5.296	ng		91
60)	Diethylphthalate	10.339	149	195725	5.554	ng		98
61)	4-Chlorophenyl-phenyle...	10.463	204	87836	5.756	ng		92
62)	4-Nitroaniline	10.481	138	49740	5.161	ng		89
63)	Azobenzene	10.622	77	199617	5.475	ng		94
65)	4,6-Dinitro-2-methylph...	10.516	198	23431	4.122	ng		92
66)	n-Nitrosodiphenylamine	10.581	169	172297	5.639	ng		98
67)	4-Bromophenyl-phenylether	10.957	248	53476	5.363	ng		96
68)	Hexachlorobenzene	11.022	284	59111	5.412	ng		98
69)	Atrazine	11.104	200	50982	5.460	ng		96
70)	Pentachlorophenol	11.216	266	26520	4.417	ng		95
71)	Phenanthrene	11.439	178	289547	5.708	ng		98
72)	Anthracene	11.486	178	283185	5.634	ng		99
73)	Carbazole	11.645	167	261958	5.587	ng		97
74)	Di-n-butylphthalate	11.969	149	312507	5.769	ng		99
75)	Fluoranthene	12.627	202	297211	5.749	ng		98
77)	Benzidine	12.751	184	137600	4.609	ng		99
78)	Pyrene	12.857	202	308565	4.816	ng		97
80)	Butylbenzylphthalate	13.474	149	127730	4.886	ng		90
81)	Benzo(a)anthracene	14.051	228	273301	5.298	ng		97
82)	3,3'-Dichlorobenzidine	14.010	252	91240	5.388	ng		99
83)	Chrysene	14.086	228	265353	5.450	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.027	149	179409	5.588	ng		98
85)	Di-n-octyl phthalate	14.645	149	264302	5.752	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.051	276	201919	4.321	ng		98
88)	Benzo(b)fluoranthene	15.104	252	236510m	5.213	ng		
89)	Benzo(k)fluoranthene	15.139	252	230750	5.238	ng		99
90)	Benzo(a)pyrene	15.486	252	187345	5.103	ng		100
91)	Dibenzo(a,h)anthracene	17.068	278	165894	4.404	ng	#	95
92)	Benzo(g,h,i)perylene	17.509	276	159792	4.083	ng		99

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

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