Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050322\
Data File : BF128040.D
Acq On : 03 May 2022 12:17
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 04 04:25:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 04:23:29 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/04/2022
Supervised By :Jagrut Upadhyay 05/04/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	107838	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	392309	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	223718	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	409345	20.000	ng	0.00
76) Chrysene-d12	14.104	240	273315	20.000	ng	0.00
86) Perylene-d12	15.610	264	219309	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	547094	80.807	ng	0.00
7) Phenol-d6	6.551	99	728907	82.971	ng	0.00
23) Nitrobenzene-d5	7.487	82	744101	89.192	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	213932	94.992	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1201431	90.852	ng	0.00
79) Terphenyl-d14	13.045	244	1327077	88.786	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.728	88	125026	38.704	ng	96
3) Pyridine	3.504	79	335678	40.556	ng	98
4) n-Nitrosodimethylamine	3.475	42	169915	42.411	ng	92
6) Aniline	6.587	93	433638	41.546	ng	99
8) 2-Chlorophenol	6.704	128	288753	41.092	ng	96
9) Benzaldehyde	6.475	77	189803	34.924	ng	94
10) Phenol	6.563	94	378501m	42.718	ng	
11) bis(2-Chloroethyl)ether	6.657	93	299269	40.717	ng	99
12) 1,3-Dichlorobenzene	6.863	146	322979	39.930	ng	99
13) 1,4-Dichlorobenzene	6.940	146	323268	40.039	ng	99
14) 1,2-Dichlorobenzene	7.092	146	305476	40.870	ng	99
15) Benzyl Alcohol	7.063	79	306495	51.304	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.192	45	458740	40.837	ng	99
17) 2-Methylphenol	7.169	107	246624	40.677	ng	96
18) Hexachloroethane	7.428	117	124701	42.012	ng	95
19) n-Nitroso-di-n-propyla...	7.334	70	229159	42.613	ng	98
20) 3+4-Methylphenols	7.322	107	304050	41.513	ng	98
22) Acetophenone	7.334	105	405918	42.452	ng	98
24) Nitrobenzene	7.504	77	348869	43.397	ng	98
25) Isophorone	7.739	82	605125	43.096	ng	98
26) 2-Nitrophenol	7.822	139	155216	45.310	ng	92
27) 2,4-Dimethylphenol	7.851	122	237518	41.743	ng	99
28) bis(2-Chloroethoxy)met...	7.945	93	383832	42.654	ng	99
29) 2,4-Dichlorophenol	8.063	162	250794	42.073	ng	97
30) 1,2,4-Trichlorobenzene	8.145	180	282930	41.784	ng	99
31) Naphthalene	8.228	128	824686	41.273	ng	99
32) Benzoic acid	7.981	122	170592m	41.828	ng	
33) 4-Chloroaniline	8.275	127	328696	41.577	ng	97
34) Hexachlorobutadiene	8.334	225	192501	45.134	ng	98
35) Caprolactam	8.657	113	80502	41.837	ng	92
36) 4-Chloro-3-methylphenol	8.757	107	276548	43.439	ng	99
37) 2-Methylnaphthalene	8.916	142	557543	42.222	ng	99
38) 1-Methylnaphthalene	9.016	142	542849	42.293	ng	98
40) 1,2,4,5-Tetrachloroben...	9.081	216	284174	43.095	ng	100
41) Hexachlorocyclopentadiene	9.063	237	148230	41.490	ng	98
43) 2,4,6-Trichlorophenol	9.192	196	184628	42.552	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.239	196	194500	41.236	ng		94
46)	1,1'-Biphenyl	9.381	154	698417	42.145	ng		100
47)	2-Chloronaphthalene	9.410	162	524124	41.546	ng		97
48)	2-Nitroaniline	9.504	65	194584	45.598	ng		93
49)	Acenaphthylene	9.828	152	802645	41.593	ng		100
50)	Dimethylphthalate	9.681	163	634571	42.294	ng		100
51)	2,6-Dinitrotoluene	9.751	165	138858	42.746	ng		92
52)	Acenaphthene	9.998	154	546967m	42.159	ng		
53)	3-Nitroaniline	9.922	138	148048	41.041	ng		99
54)	2,4-Dinitrophenol	10.028	184	78072	45.635	ng		89
55)	Dibenzofuran	10.169	168	776673	41.493	ng		98
56)	4-Nitrophenol	10.081	139	105312	38.232	ng		94
57)	2,4-Dinitrotoluene	10.157	165	190668	44.311	ng		98
58)	Fluorene	10.516	166	594633	42.573	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.286	232	168803	42.559	ng		98
60)	Diethylphthalate	10.380	149	637546	43.334	ng		99
61)	4-Chlorophenyl-phenyle...	10.504	204	300797	43.338	ng		98
62)	4-Nitroaniline	10.539	138	146706	41.599	ng		97
63)	Azobenzene	10.663	77	699814	43.227	ng		99
65)	4,6-Dinitro-2-methylph...	10.563	198	117524	48.318	ng		89
66)	n-Nitrosodiphenylamine	10.622	169	524489	41.178	ng		99
67)	4-Bromophenyl-phenylether	10.998	248	194089	42.771	ng	#	91
68)	Hexachlorobenzene	11.063	284	209068	43.729	ng		93
69)	Atrazine	11.151	200	164507	41.768	ng		98
70)	Pentachlorophenol	11.257	266	107186	38.108	ng		98
71)	Phenanthrene	11.480	178	874420	40.809	ng		99
72)	Anthracene	11.533	178	879426	41.201	ng		99
73)	Carbazole	11.686	167	818651	39.795	ng		100
74)	Di-n-butylphthalate	12.010	149	981597	42.434	ng		100
75)	Fluoranthene	12.674	202	915245	40.585	ng		98
77)	Benzidine	12.792	184	276407	53.448	ng		98
78)	Pyrene	12.904	202	917451	41.583	ng		99
80)	Butylbenzylphthalate	13.510	149	386033	44.639	ng		98
81)	Benzo(a)anthracene	14.092	228	758442	41.633	ng		98
82)	3,3'-Dichlorobenzidine	14.057	252	219869	38.012	ng	#	99
83)	Chrysene	14.133	228	700258	40.249	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.068	149	503357	43.892	ng		99
85)	Di-n-octyl phthalate	14.686	149	759271	42.723	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.162	276	612680	41.854	ng		97
88)	Benzo(b)fluoranthene	15.168	252	578339	41.986	ng		99
89)	Benzo(k)fluoranthene	15.198	252	566400	40.814	ng		99
90)	Benzo(a)pyrene	15.551	252	476798	41.730	ng	#	96
91)	Dibenzo(a,h)anthracene	17.174	278	495743	42.227	ng		96
92)	Benzo(g,h,i)perylene	17.633	276	516920	41.781	ng		97

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

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