Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051722\
Data File : BF128283.D
Acq On : 17 May 2022 11:06
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 18 01:32:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 18 01:31:11 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	113467	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	413119	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	234315	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	418275	20.000	ng		0.00
76) Chrysene-d12	14.063	240	278666	20.000	ng		0.00
86) Perylene-d12	15.557	264	237009	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	569932	80.072	ng		0.00
7) Phenol-d6	6.516	99	751695	79.846	ng		0.00
23) Nitrobenzene-d5	7.451	82	757458	82.502	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	205645	76.525	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	1158603	77.368	ng		0.00
79) Terphenyl-d14	13.004	244	1243773	83.750	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	127683	40.325	ng		96
3) Pyridine	3.446	79	345154	41.089	ng		96
4) n-Nitrosodimethylamine	3.422	42	182459	43.573	ng		87
6) Aniline	6.545	93	428681	40.321	ng		97
8) 2-Chlorophenol	6.669	128	289735	39.965	ng		98
9) Benzaldehyde	6.434	77	205544	45.809	ng		94
10) Phenol	6.528	94	395777	39.865	ng		90
11) bis(2-Chloroethyl)ether	6.616	93	297270	39.982	ng		95
12) 1,3-Dichlorobenzene	6.822	146	326177	39.973	ng		98
13) 1,4-Dichlorobenzene	6.898	146	329724	39.990	ng		98
14) 1,2-Dichlorobenzene	7.051	146	302081	38.879	ng		98
15) Benzyl Alcohol	7.022	79	307246	41.298	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	450626	40.871	ng		100
17) 2-Methylphenol	7.134	107	247854	40.298	ng		96
18) Hexachloroethane	7.387	117	126020	40.456	ng		96
19) n-Nitroso-di-n-propyla...	7.298	70	231063	39.855	ng		99
20) 3+4-Methylphenols	7.287	107	299666	39.350	ng		91
22) Acetophenone	7.292	105	412460	40.095	ng	#	85
24) Nitrobenzene	7.469	77	353476	41.715	ng		98
25) Isophorone	7.704	82	593829	41.256	ng		98
26) 2-Nitrophenol	7.781	139	155815	41.877	ng		97
27) 2,4-Dimethylphenol	7.816	122	232614	40.560	ng		95
28) bis(2-Chloroethoxy)met...	7.910	93	375221	41.240	ng		99
29) 2,4-Dichlorophenol	8.022	162	246224	40.838	ng		97
30) 1,2,4-Trichlorobenzene	8.104	180	280659	40.616	ng		100
31) Naphthalene	8.187	128	818596	40.122	ng		99
32) Benzoic acid	7.957	122	167788	39.121	ng		97
33) 4-Chloroaniline	8.239	127	326167	40.270	ng		99
34) Hexachlorobutadiene	8.292	225	187180	40.340	ng		99
35) Caprolactam	8.628	113	77713	39.485	ng		99
36) 4-Chloro-3-methylphenol	8.722	107	275093	40.834	ng		97
37) 2-Methylnaphthalene	8.875	142	550935	40.052	ng		99
38) 1-Methylnaphthalene	8.975	142	525096	39.745	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	277345	40.126	ng		98
41) Hexachlorocyclopentadiene	9.022	237	93637	32.869	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	181224	40.697	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.204	196	191103	40.249	ng		95
46)	1,1'-Biphenyl	9.339	154	681140	39.930	ng		99
47)	2-Chloronaphthalene	9.369	162	507325	40.127	ng		97
48)	2-Nitroaniline	9.469	65	191511	42.249	ng		93
49)	Acenaphthylene	9.786	152	755020	39.482	ng		99
50)	Dimethylphthalate	9.645	163	599749	39.664	ng		99
51)	2,6-Dinitrotoluene	9.710	165	134312	40.493	ng		87
52)	Acenaphthene	9.957	154	517491m	39.029	ng		
53)	3-Nitroaniline	9.886	138	144142	40.085	ng		97
54)	2,4-Dinitrophenol	9.998	184	67897	37.001	ng		92
55)	Dibenzofuran	10.128	168	719096	38.198	ng		96
56)	4-Nitrophenol	10.051	139	92030	36.627	ng		96
57)	2,4-Dinitrotoluene	10.122	165	171490	38.665	ng	#	78
58)	Fluorene	10.475	166	562149	38.336	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.251	232	161800	39.875	ng		99
60)	Diethylphthalate	10.339	149	594073	39.379	ng		100
61)	4-Chlorophenyl-phenyle...	10.463	204	278908	38.140	ng		96
62)	4-Nitroaniline	10.504	138	142359	39.052	ng		93
63)	Azobenzene	10.622	77	670101	40.564	ng		97
65)	4,6-Dinitro-2-methylph...	10.533	198	109670	41.894	ng		99
66)	n-Nitrosodiphenylamine	10.586	169	490954	40.274	ng		99
67)	4-Bromophenyl-phenylether	10.957	248	182009	40.446	ng	#	89
68)	Hexachlorobenzene	11.022	284	196172	39.852	ng		95
69)	Atrazine	11.110	200	162163	39.436	ng		96
70)	Pentachlorophenol	11.222	266	91971	38.497	ng		97
71)	Phenanthrene	11.439	178	819980	39.370	ng		100
72)	Anthracene	11.492	178	813136	39.103	ng		99
73)	Carbazole	11.651	167	771618	39.022	ng		99
74)	Di-n-butylphthalate	11.969	149	908238	39.898	ng		99
75)	Fluoranthene	12.633	202	860797	38.122	ng		98
77)	Benzidine	12.751	184	238062	39.444	ng		99
78)	Pyrene	12.863	202	864835	42.801	ng		99
80)	Butylbenzylphthalate	13.469	149	372634	44.360	ng		99
81)	Benzo(a)anthracene	14.057	228	725871	40.781	ng		99
82)	3,3'-Dichlorobenzidine	14.010	252	166562	41.705	ng		97
83)	Chrysene	14.092	228	679526	40.012	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.021	149	479437	42.241	ng		97
85)	Di-n-octyl phthalate	14.639	149	730384	40.285	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.086	276	622342	43.408	ng		96
88)	Benzo(b)fluoranthene	15.115	252	610270	41.537	ng		99
89)	Benzo(k)fluoranthene	15.151	252	530444	36.575	ng		99
90)	Benzo(a)pyrene	15.492	252	478866	40.372	ng		97
91)	Dibenzo(a,h)anthracene	17.098	278	506198	43.611	ng	#	96
92)	Benzo(g,h,i)perylene	17.545	276	519141	44.173	ng		97

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

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