Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
Data File : BF129532.D
Acq On : 03 Aug 2022 10:28
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 03 16:34:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 01:11:25 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	199370	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	778443	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	403169	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	686244	20.000	ng	#	0.00
76) Chrysene-d12	14.051	240	432258	20.000	ng		0.00
86) Perylene-d12	15.533	264	370345	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	978554	79.955	ng		0.00
7) Phenol-d6	6.522	99	1239169	80.552	ng		0.00
23) Nitrobenzene-d5	7.445	82	1169336	82.000	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	329109	84.906	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	2033803	78.036	ng		0.00
79) Terphenyl-d14	12.992	244	1999520	87.269	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	212465	38.476	ng		89
3) Pyridine	3.422	79	563008	36.714	ng		89
4) n-Nitrosodimethylamine	3.381	42	265077	39.365	ng	#	91
6) Aniline	6.540	93	724784	37.899	ng	#	73
8) 2-Chlorophenol	6.663	128	550657	41.182	ng		98
9) Benzaldehyde	6.428	77	377281	36.114	ng		99
10) Phenol	6.534	94	669710m	40.881	ng		
11) bis(2-Chloroethyl)ether	6.610	93	528755	40.699	ng		92
12) 1,3-Dichlorobenzene	6.816	146	588333	41.026	ng		98
13) 1,4-Dichlorobenzene	6.893	146	595772	40.850	ng		99
14) 1,2-Dichlorobenzene	7.045	146	548113	40.887	ng		98
15) Benzyl Alcohol	7.022	79	474599	42.538	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	733502	37.560	ng		65
17) 2-Methylphenol	7.134	107	444307	40.054	ng		94
18) Hexachloroethane	7.381	117	228709	41.647	ng		89
19) n-Nitroso-di-n-propyla...	7.292	70	384012	41.234	ng		91
20) 3+4-Methylphenols	7.292	107	552203	39.153	ng		94
22) Acetophenone	7.287	105	732075	40.393	ng	#	94
24) Nitrobenzene	7.463	77	589639	40.154	ng		95
25) Isophorone	7.698	82	1016855	39.781	ng		99
26) 2-Nitrophenol	7.775	139	298125	41.153	ng		95
27) 2,4-Dimethylphenol	7.816	122	441116m	40.594	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	603162	40.677	ng		99
29) 2,4-Dichlorophenol	8.022	162	458138	40.848	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	469554	40.447	ng		98
31) Naphthalene	8.181	128	1604807	40.577	ng		99
32) Benzoic acid	7.951	122	235760	30.011	ng		95
33) 4-Chloroaniline	8.234	127	648115	39.915	ng		97
34) Hexachlorobutadiene	8.287	225	286086	43.352	ng		99
35) Caprolactam	8.616	113	148298m	40.670	ng		
36) 4-Chloro-3-methylphenol	8.722	107	492302	41.385	ng		96
37) 2-Methylnaphthalene	8.869	142	1048138	40.781	ng		98
38) 1-Methylnaphthalene	8.969	142	1007273	40.598	ng		99
40) 1,2,4,5-Tetrachloroben...	9.034	216	446554	42.182	ng		98
41) Hexachlorocyclopentadiene	9.016	237	205107	43.510	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	317458	41.287	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.198	196	346253	41.410	ng	#	93
46)	1,1'-Biphenyl	9.334	154	1225114	41.638	ng		99
47)	2-Chloronaphthalene	9.363	162	967874	40.691	ng		99
48)	2-Nitroaniline	9.463	65	328133	41.487	ng		93
49)	Acenaphthylene	9.781	152	1487896	41.168	ng		99
50)	Dimethylphthalate	9.639	163	1161291	41.725	ng		100
51)	2,6-Dinitrotoluene	9.704	165	257925	41.405	ng		96
52)	Acenaphthene	9.951	154	974093m	41.264	ng		
53)	3-Nitroaniline	9.881	138	294386	40.021	ng	#	91
54)	2,4-Dinitrophenol	9.986	184	136055	42.784	ng	#	89
55)	Dibenzofuran	10.122	168	1343493	41.285	ng		96
56)	4-Nitrophenol	10.051	139	198619	36.600	ng		94
57)	2,4-Dinitrotoluene	10.110	165	338264	41.567	ng		100
58)	Fluorene	10.469	166	1082678	41.582	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.245	232	261126m	40.411	ng		
60)	Diethylphthalate	10.333	149	1133465	42.129	ng		99
61)	4-Chlorophenyl-phenyle...	10.451	204	484639	42.220	ng	#	88
62)	4-Nitroaniline	10.498	138	292971	40.149	ng		94
63)	Azobenzene	10.616	77	1125358	41.009	ng		95
65)	4,6-Dinitro-2-methylph...	10.522	198	179440	41.428	ng		94
66)	n-Nitrosodiphenylamine	10.575	169	942328	41.233	ng		97
67)	4-Bromophenyl-phenylether	10.945	248	311068	41.395	ng		95
68)	Hexachlorobenzene	11.016	284	346615	42.570	ng		97
69)	Atrazine	11.104	200	281062	40.489	ng		96
70)	Pentachlorophenol	11.216	266	191211	43.198	ng		98
71)	Phenanthrene	11.433	178	1522738	40.649	ng		99
72)	Anthracene	11.486	178	1499221	40.726	ng		99
73)	Carbazole	11.639	167	1385541	39.983	ng		99
74)	Di-n-butylphthalate	11.957	149	1724274	41.782	ng		99
75)	Fluoranthene	12.622	202	1514734	39.908	ng		98
77)	Benzidine	12.745	184	694646	45.489	ng		99
78)	Pyrene	12.851	202	1530514	42.342	ng		99
80)	Butylbenzylphthalate	13.457	149	661861	42.214	ng		99
81)	Benzo(a)anthracene	14.039	228	1195587	40.491	ng		99
82)	3,3'-Dichlorobenzidine	14.004	252	398524	40.878	ng		96
83)	Chrysene	14.080	228	1116535	40.122	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.010	149	857642	41.550	ng		100
85)	Di-n-octyl phthalate	14.627	149	1262210	42.494	ng		97
87)	Indeno(1,2,3-cd)pyrene	17.045	276	1066370	42.758	ng		100
88)	Benzo(b)fluoranthene	15.098	252	1013437	41.253	ng		99
89)	Benzo(k)fluoranthene	15.133	252	927623	38.532	ng		99
90)	Benzo(a)pyrene	15.474	252	801487	40.191	ng		98
91)	Dibenzo(a,h)anthracene	17.062	278	872499	42.984	ng		99
92)	Benzo(g,h,i)perylene	17.504	276	894944	43.147	ng		99

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

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