Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082922\
Data File : BF130032.D
Acq On : 29 Aug 2022 13:37
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 30 01:25:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 30 01:22:56 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.704	152	117001	20.000	ng		0.00
21) Naphthalene-d8	7.986	136	463529	20.000	ng		0.00
39) Acenaphthene-d10	9.739	164	251894	20.000	ng		0.00
64) Phenanthrene-d10	11.227	188	442085	20.000	ng		0.00
76) Chrysene-d12	13.874	240	290911	20.000	ng		0.00
86) Perylene-d12	15.304	264	221787	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	589498	83.421	ng		0.00
7) Phenol-d6	6.369	99	721635	81.547	ng		0.00
23) Nitrobenzene-d5	7.281	82	718991	83.035	ng		0.00
42) 2,4,6-Tribromophenol	10.533	330	196061	77.552	ng		0.00
45) 2-Fluorobiphenyl	9.063	172	1330663	80.233	ng		0.00
79) Terphenyl-d14	12.810	244	1447712	82.805	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.340	88	119237	40.899	ng		97
3) Pyridine	3.081	79	299552	39.263	ng		98
4) n-Nitrosodimethylamine	3.034	42	158495	45.077	ng		92
6) Aniline	6.375	93	422776	41.917	ng	#	76
8) 2-Chlorophenol	6.498	128	325314	41.353	ng		96
9) Benzaldehyde	6.263	77	211907	45.672	ng		98
10) Phenol	6.381	94	404582	41.680	ng		90
11) bis(2-Chloroethyl)ether	6.445	93	297074	40.302	ng		98
12) 1,3-Dichlorobenzene	6.639	146	345084	40.633	ng		98
13) 1,4-Dichlorobenzene	6.722	146	352125	40.578	ng		98
14) 1,2-Dichlorobenzene	6.875	146	329361	40.866	ng		99
15) Benzyl Alcohol	6.863	79	274012	41.016	ng		98
16) 2,2'-oxybis(1-Chloropr...	6.981	45	406782	41.184	ng		87
17) 2-Methylphenol	6.981	107	261226	41.356	ng		98
18) Hexachloroethane	7.204	117	137296	42.132	ng		97
19) n-Nitroso-di-n-propyla...	7.128	70	237311	42.426	ng		98
20) 3+4-Methylphenols	7.139	107	361850	42.676	ng		98
22) Acetophenone	7.122	105	472190	41.802	ng		98
24) Nitrobenzene	7.298	77	364309	41.724	ng		97
25) Isophorone	7.533	82	609388	40.889	ng		99
26) 2-Nitrophenol	7.610	139	179211	41.728	ng		93
27) 2,4-Dimethylphenol	7.657	122	247285	40.149	ng		96
28) bis(2-Chloroethoxy)met...	7.739	93	351007	40.337	ng		99
29) 2,4-Dichlorophenol	7.863	162	273448	40.602	ng		96
30) 1,2,4-Trichlorobenzene	7.928	180	290217	40.847	ng		97
31) Naphthalene	8.010	128	983319	40.572	ng		99
32) Benzoic acid	7.822	122	106976	40.795	ng		87
33) 4-Chloroaniline	8.069	127	396479	41.600	ng		97
34) Hexachlorobutadiene	8.116	225	177381	41.001	ng		98
35) Caprolactam	8.457	113	88017m	42.026	ng		
36) 4-Chloro-3-methylphenol	8.569	107	306250	42.150	ng		96
37) 2-Methylnaphthalene	8.698	142	640336	40.255	ng		100
38) 1-Methylnaphthalene	8.798	142	621491	40.202	ng		99
40) 1,2,4,5-Tetrachloroben...	8.863	216	278910	39.810	ng		99
41) Hexachlorocyclopentadiene	8.845	237	62081	40.713	ng		97
43) 2,4,6-Trichlorophenol	8.992	196	172012	37.788	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.045	196	186602	38.103	ng		96
46)	1,1'-Biphenyl	9.163	154	757920	39.607	ng		99
47)	2-Chloronaphthalene	9.192	162	609499	40.254	ng		100
48)	2-Nitroaniline	9.304	65	205967	43.045	ng		92
49)	Acenaphthylene	9.604	152	917068	39.942	ng		100
50)	Dimethylphthalate	9.469	163	736484	40.786	ng		99
51)	2,6-Dinitrotoluene	9.545	165	162124	41.389	ng		90
52)	Acenaphthene	9.774	154	568206	40.790	ng		99
53)	3-Nitroaniline	9.716	138	180664	41.706	ng		93
54)	2,4-Dinitrophenol	9.839	184	63463	38.856	ng		93
55)	Dibenzofuran	9.945	168	844605	40.358	ng		94
56)	4-Nitrophenol	9.916	139	80253	41.643	ng		93
57)	2,4-Dinitrotoluene	9.951	165	214203	42.126	ng		90
58)	Fluorene	10.292	166	694614	39.751	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.080	232	149578	41.619	ng	#	80
60)	Diethylphthalate	10.169	149	722286	40.115	ng		99
61)	4-Chlorophenyl-phenyle...	10.280	204	313284	39.951	ng		98
62)	4-Nitroaniline	10.339	138	179604m	41.098	ng		
63)	Azobenzene	10.439	77	706522	41.053	ng		99
65)	4,6-Dinitro-2-methylph...	10.369	198	107848	41.555	ng		99
66)	n-Nitrosodiphenylamine	10.404	169	590406	39.568	ng		99
67)	4-Bromophenyl-phenylether	10.769	248	202597	39.127	ng		95
68)	Hexachlorobenzene	10.839	284	230155	41.034	ng	#	90
69)	Atrazine	10.933	200	177549	38.769	ng		97
70)	Pentachlorophenol	11.051	266	67987m	43.000	ng		
71)	Phenanthrene	11.251	178	986613	39.959	ng		100
72)	Anthracene	11.304	178	990057	40.323	ng		100
73)	Carbazole	11.468	167	895075	40.159	ng		98
74)	Di-n-butylphthalate	11.780	149	1126392	39.267	ng		99
75)	Fluoranthene	12.445	202	1031701	40.835	ng		100
77)	Benzidine	12.568	184	326017	46.920	ng		100
78)	Pyrene	12.674	202	1037803	41.052	ng		100
80)	Butylbenzylphthalate	13.280	149	420648	39.323	ng		94
81)	Benzo(a)anthracene	13.862	228	793749	39.664	ng		99
82)	3,3'-Dichlorobenzidine	13.821	252	239125	38.582	ng		100
83)	Chrysene	13.898	228	752207	40.155	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.833	149	472824	37.257	ng		97
85)	Di-n-octyl phthalate	14.445	149	638909	36.469	ng		98
87)	Indeno(1,2,3-cd)pyrene	16.715	276	683474	44.889	ng		98
88)	Benzo(b)fluoranthene	14.892	252	568254	37.417	ng		99
89)	Benzo(k)fluoranthene	14.921	252	604683	41.518	ng		97
90)	Benzo(a)pyrene	15.245	252	483876	40.459	ng		98
91)	Dibenzo(a,h)anthracene	16.709	278	558439	44.451	ng		100
92)	Benzo(g,h,i)perylene	17.133	276	577370	46.065	ng		99

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

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