Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
Data File : BF130233.D
Acq On : 14 Sep 2022 11:26
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 14 14:09:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 14:08:08 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.675	152	107928	20.000	ng		0.00
21) Naphthalene-d8	7.957	136	424213	20.000	ng		0.00
39) Acenaphthene-d10	9.710	164	217435	20.000	ng		0.00
64) Phenanthrene-d10	11.186	188	357784	20.000	ng		0.00
76) Chrysene-d12	13.815	240	252691	20.000	ng		0.00
86) Perylene-d12	15.204	264	178355	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.263	112	126418	17.672	ng		-0.01
7) Phenol-d6	6.298	99	159546	17.733	ng		-0.02
23) Nitrobenzene-d5	7.239	82	160215	20.534	ng		-0.01
42) 2,4,6-Tribromophenol	10.492	330	39553	19.482	ng		0.00
45) 2-Fluorobiphenyl	9.033	172	297012	20.476	ng		0.00
79) Terphenyl-d14	12.768	244	275305	18.213	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.316	88	28884m	5.722	ng		
3) Pyridine	3.010	79	76083	8.799	ng		98
4) n-Nitrosodimethylamine	2.940	42	40024	9.275	ng		90
6) Aniline	6.334	93	99318	9.415	ng		98
8) 2-Chlorophenol	6.457	128	72494	9.341	ng		96
9) Benzaldehyde	6.222	77	58190	11.100	ng		97
10) Phenol	6.316	94	93321	9.494	ng		94
11) bis(2-Chloroethyl)ether	6.410	93	68304	9.562	ng		98
12) 1,3-Dichlorobenzene	6.616	146	79015	10.014	ng		98
13) 1,4-Dichlorobenzene	6.692	146	80357	9.873	ng		98
14) 1,2-Dichlorobenzene	6.845	146	75760	9.916	ng		99
15) Benzyl Alcohol	6.822	79	59517	9.797	ng		96
16) 2,2'-oxybis(1-Chloropr...	6.957	45	101192	9.915	ng		97
17) 2-Methylphenol	6.928	107	58293	9.390	ng		96
18) Hexachloroethane	7.186	117	31650	9.521	ng		96
19) n-Nitroso-di-n-propyla...	7.086	70	53907	9.747	ng		96
20) 3+4-Methylphenols	7.081	107	77126	9.595	ng	#	81
22) Acetophenone	7.086	105	104124	10.683	ng	#	96
24) Nitrobenzene	7.257	77	82838	10.734	ng		99
25) Isophorone	7.498	82	133217	10.000	ng		100
26) 2-Nitrophenol	7.575	139	31580	8.832	ng		98
27) 2,4-Dimethylphenol	7.616	122	52997	9.707	ng		96
28) bis(2-Chloroethoxy)met...	7.716	93	75063	9.776	ng		97
29) 2,4-Dichlorophenol	7.816	162	56510	9.559	ng		96
30) 1,2,4-Trichlorobenzene	7.898	180	62114	9.800	ng		98
31) Naphthalene	7.981	128	219856	10.228	ng		99
32) Benzoic acid	7.686	122	29857	6.969	ng		98
33) 4-Chloroaniline	8.033	127	82411	9.377	ng		98
34) Hexachlorobutadiene	8.098	225	40050	10.837	ng		95
35) Caprolactam	8.369	113	15921	8.388	ng		95
36) 4-Chloro-3-methylphenol	8.510	107	62652	9.398	ng		100
37) 2-Methylnaphthalene	8.669	142	140264	10.026	ng		98
38) 1-Methylnaphthalene	8.769	142	136163	9.920	ng		98
40) 1,2,4,5-Tetrachloroben...	8.833	216	57179	9.614	ng		99
41) Hexachlorocyclopentadiene	8.822	237	27763	9.061	ng		99
43) 2,4,6-Trichlorophenol	8.945	196	38887	9.163	ng		94

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	8.980	196	41433	9.368	ng		92
46)	1,1'-Biphenyl	9.133	154	160964	9.711	ng		99
47)	2-Chloronaphthalene	9.157	162	130163	9.879	ng		96
48)	2-Nitroaniline	9.251	65	40368	9.171	ng		92
49)	Acenaphthylene	9.569	152	194725	9.595	ng		99
50)	Dimethylphthalate	9.433	163	147291	9.840	ng		99
51)	2,6-Dinitrotoluene	9.492	165	29189	8.935	ng		86
52)	Acenaphthene	9.739	154	126088m	9.863	ng		
53)	3-Nitroaniline	9.663	138	32436	8.639	ng		97
54)	2,4-Dinitrophenol	9.763	184	8898	6.019	ng		87
55)	Dibenzofuran	9.910	168	178531	10.045	ng		96
56)	4-Nitrophenol	9.816	139	22908	8.095	ng		93
57)	2,4-Dinitrotoluene	9.892	165	36184	8.771	ng		99
58)	Fluorene	10.251	166	145335	10.205	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.027	232	31872	9.272	ng		93
60)	Diethylphthalate	10.133	149	147258	10.124	ng		98
61)	4-Chlorophenyl-phenyle...	10.251	204	62271	10.309	ng		94
62)	4-Nitroaniline	10.263	138	32919	8.713	ng		94
63)	Azobenzene	10.410	77	154761	10.625	ng		98
65)	4,6-Dinitro-2-methylph...	10.292	198	14761	6.333	ng		85
66)	n-Nitrosodiphenylamine	10.363	169	117769	9.308	ng		99
67)	4-Bromophenyl-phenylether	10.739	248	37489	9.274	ng		98
68)	Hexachlorobenzene	10.792	284	42812	9.664	ng	#	82
69)	Atrazine	10.892	200	34447	10.307	ng		98
70)	Pentachlorophenol	10.986	266	20894	8.436	ng		98
71)	Phenanthrene	11.210	178	203132	9.784	ng		100
72)	Anthracene	11.263	178	194168	9.669	ng		98
73)	Carbazole	11.416	167	173965	9.426	ng		99
74)	Di-n-butylphthalate	11.757	149	206551	9.453	ng		99
75)	Fluoranthene	12.392	202	196340	8.731	ng		97
77)	Benzidine	12.521	184	72006	11.640	ng		99
78)	Pyrene	12.621	202	200686	8.890	ng		98
80)	Butylbenzylphthalate	13.251	149	71706	8.306	ng		99
81)	Benzo(a)anthracene	13.804	228	160520	9.108	ng		98
82)	3,3'-Dichlorobenzidine	13.774	252	42482	8.284	ng		97
83)	Chrysene	13.839	228	155316	9.152	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.810	149	79895	8.284	ng		97
85)	Di-n-octyl phthalate	14.421	149	101214	7.835	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.527	276	105126	8.118	ng		99
88)	Benzo(b)fluoranthene	14.810	252	115110	9.203	ng		98
89)	Benzo(k)fluoranthene	14.839	252	112854	9.598	ng		99
90)	Benzo(a)pyrene	15.145	252	84489	8.751	ng		99
91)	Dibenzo(a,h)anthracene	16.545	278	86281	8.182	ng		99
92)	Benzo(g,h,i)perylene	16.927	276	87035	8.085	ng		96

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

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