Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111522\
Data File : BF131234.D
Acq On : 15 Nov 2022 16:11
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 16 00:25:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 15 22:44:23 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.975	152	106935	20.000	ng		0.00
21) Naphthalene-d8	8.263	136	393509	20.000	ng		0.00
39) Acenaphthene-d10	10.028	164	224317	20.000	ng		0.00
64) Phenanthrene-d10	11.527	188	411351	20.000	ng		0.00
76) Chrysene-d12	14.186	240	342930	20.000	ng		0.00
86) Perylene-d12	15.727	264	292774	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.569	112	65549	10.424	ng		0.00
7) Phenol-d6	6.575	99	83175	10.118	ng		-0.02
23) Nitrobenzene-d5	7.534	82	54407	6.238	ng		-0.01
42) 2,4,6-Tribromophenol	10.816	330	19571	8.442	ng		-0.01
45) 2-Fluorobiphenyl	9.345	172	172520	10.736	ng		0.00
79) Terphenyl-d14	13.121	244	196071	10.025	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	14978	4.839	ng		95
3) Pyridine	3.557	79	41438	4.876	ng		97
4) n-Nitrosodimethylamine	3.504	42	22766	4.644	ng	#	94
6) Aniline	6.628	93	49323	4.887	ng		97
8) 2-Chlorophenol	6.751	128	36662	5.068	ng		94
9) Benzaldehyde	6.522	77	31818	5.948	ng		93
10) Phenol	6.587	94	46648	4.854	ng		96
11) bis(2-Chloroethyl)ether	6.698	93	36322	5.283	ng		98
12) 1,3-Dichlorobenzene	6.910	146	42194	5.245	ng		98
13) 1,4-Dichlorobenzene	6.992	146	42342	5.182	ng		97
14) 1,2-Dichlorobenzene	7.145	146	39876	5.268	ng		96
15) Benzyl Alcohol	7.104	79	34457	5.480	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.245	45	67990	5.898	ng		98
17) 2-Methylphenol	7.210	107	31419	5.193	ng		94
18) Hexachloroethane	7.492	117	14419	4.732	ng		96
19) n-Nitroso-di-n-propyla...	7.375	70	29135	5.398	ng		97
20) 3+4-Methylphenols	7.357	107	40627	5.374	ng		88
22) Acetophenone	7.375	105	55351	5.621	ng	#	97
24) Nitrobenzene	7.551	77	31821	3.766	ng		97
25) Isophorone	7.792	82	71492	5.301	ng		99
26) 2-Nitrophenol	7.875	139	7867	2.099	ng		95
27) 2,4-Dimethylphenol	7.898	122	28675	4.988	ng		100
28) bis(2-Chloroethoxy)met...	8.004	93	41468	5.426	ng		97
29) 2,4-Dichlorophenol	8.104	162	30479	4.959	ng		98
30) 1,2,4-Trichlorobenzene	8.204	180	38190	5.762	ng		98
31) Naphthalene	8.286	128	114317	5.317	ng		99
33) 4-Chloroaniline	8.328	127	42577	4.938	ng		98
34) Hexachlorobutadiene	8.398	225	23633	5.219	ng		96
35) Caprolactam	8.657	113	9239	4.904	ng		95
36) 4-Chloro-3-methylphenol	8.798	107	32294	4.748	ng		98
37) 2-Methylnaphthalene	8.981	142	76050	5.487	ng		96
38) 1-Methylnaphthalene	9.081	142	75772	5.582	ng		97
40) 1,2,4,5-Tetrachloroben...	9.139	216	38071	5.197	ng		99
41) Hexachlorocyclopentadiene	9.133	237	15679	5.486	ng		98
43) 2,4,6-Trichlorophenol	9.251	196	22645	4.711	ng		96
44) 2,4,5-Trichlorophenol	9.286	196	24665	4.586	ng	#	92

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	9.445	154	94589	5.454	ng		98
47)	2-Chloronaphthalene	9.469	162	74947	5.325	ng		98
48)	2-Nitroaniline	9.563	65	11874	2.318	ng		94
49)	Acenaphthylene	9.886	152	113435	5.275	ng		99
50)	Dimethylphthalate	9.739	163	85228	5.341	ng		98
51)	2,6-Dinitrotoluene	9.804	165	9285	2.648	ng		93
52)	Acenaphthene	10.063	154	71055m	5.539	ng		
53)	3-Nitroaniline	9.969	138	10240	2.554	ng	#	83
55)	Dibenzofuran	10.233	168	103285	5.437	ng		97
58)	Fluorene	10.580	166	83431	5.407	ng		97
59)	2,3,4,6-Tetrachlorophenol	10.345	232	20168	4.877	ng		95
60)	Diethylphthalate	10.445	149	78945	5.137	ng		97
61)	4-Chlorophenyl-phenyle...	10.575	204	40327	5.616	ng		92
62)	4-Nitroaniline	10.580	138	10112	2.496	ng		88
63)	Azobenzene	10.733	77	82839	5.150	ng		98
66)	n-Nitrosodiphenylamine	10.686	169	70510	5.099	ng		96
67)	4-Bromophenyl-phenylether	11.069	248	25607	5.505	ng	#	90
68)	Hexachlorobenzene	11.127	284	27900	5.382	ng		96
69)	Atrazine	11.210	200	22218	5.190	ng		99
70)	Pentachlorophenol	11.316	266	12611	5.549	ng		98
71)	Phenanthrene	11.551	178	123512	5.459	ng		99
72)	Anthracene	11.598	178	118671	5.405	ng		98
73)	Carbazole	11.751	167	105716	5.414	ng		98
74)	Di-n-butylphthalate	12.086	149	118265	5.370	ng		99
75)	Fluoranthene	12.745	202	134651	5.946	ng		99
78)	Pyrene	12.974	202	140535	4.777	ng		99
80)	Butylbenzylphthalate	13.598	149	39994	3.797	ng		98
81)	Benzo(a)anthracene	14.168	228	124790	5.091	ng		98
82)	3,3'-Dichlorobenzidine	14.133	252	34847	4.981	ng		99
83)	Chrysene	14.210	228	120170	5.191	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.163	149	58295	5.127	ng		99
85)	Di-n-octyl phthalate	14.792	149	81908	5.680	ng	#	99
87)	Indeno(1,2,3-cd)pyrene	17.304	276	76044	3.736	ng		96
88)	Benzo(b)fluoranthene	15.262	252	98880	4.777	ng		99
89)	Benzo(k)fluoranthene	15.292	252	103285	5.191	ng		99
90)	Benzo(a)pyrene	15.657	252	79561	4.794	ng		98
91)	Dibenzo(a,h)anthracene	17.327	278	62255	3.768	ng	#	93
92)	Benzo(g,h,i)perylene	17.780	276	61299	3.561	ng		96

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

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