Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052623\
Data File : BF133500.D
Acq On : 26 May 2023 13:07
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 27 01:07:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 23:30:55 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	154407	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	563766	20.000	ng	# 0.00
39) Acenaphthene-d10	9.880	164	274458	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	537557	20.000	ng	0.00
76) Chrysene-d12	14.010	240	360667	20.000	ng	0.00
86) Perylene-d12	15.468	264	330336	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	722707	78.093	ng	0.00
7) Phenol-d6	6.463	99	885676	77.743	ng	0.00
23) Nitrobenzene-d5	7.410	82	821880	97.338	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	243137	88.871	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1390573	78.200	ng	0.00
79) Terphenyl-d14	12.957	244	1532205	75.533	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.575	88	164267	39.302	ng	98
3) Pyridine	3.316	79	458726	39.144	ng	97
4) n-Nitrosodimethylamine	3.275	42	249829	39.090	ng	97
6) Aniline	6.504	93	611015	39.501	ng	99
8) 2-Chlorophenol	6.622	128	371680	40.760	ng	100
9) Benzaldehyde	6.392	77	230594	40.902	ng	99
10) Phenol	6.481	94	459343	40.193	ng	98
11) bis(2-Chloroethyl)ether	6.581	93	367504	38.894	ng	99
12) 1,3-Dichlorobenzene	6.781	146	390717	38.595	ng	98
13) 1,4-Dichlorobenzene	6.857	146	393366	38.757	ng	99
14) 1,2-Dichlorobenzene	7.010	146	361841	38.634	ng	99
15) Benzyl Alcohol	6.981	79	350886	40.569	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	687090	38.340	ng	99
17) 2-Methylphenol	7.086	107	342008	39.605	ng	100
18) Hexachloroethane	7.351	117	145559	41.475	ng	97
19) n-Nitroso-di-n-propyla...	7.257	70	281812	38.233	ng	100
20) 3+4-Methylphenols	7.245	107	402231	41.200	ng	97
22) Acetophenone	7.251	105	492917	37.967	ng	98
24) Nitrobenzene	7.428	77	419944	46.677	ng	97
25) Isophorone	7.663	82	770707	39.165	ng	100
26) 2-Nitrophenol	7.739	139	191219	46.543	ng	100
27) 2,4-Dimethylphenol	7.775	122	329238	39.322	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	441110	38.657	ng	99
29) 2,4-Dichlorophenol	7.975	162	314418	41.739	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	316379	38.829	ng	99
31) Naphthalene	8.145	128	1063183	38.899	ng	99
32) Benzoic acid	7.886	122	253224m	46.233	ng	
33) 4-Chloroaniline	8.192	127	470111	40.131	ng	99
34) Hexachlorobutadiene	8.263	225	197038	39.755	ng	99
35) Caprolactam	8.575	113	107785	43.629	ng	98
36) 4-Chloro-3-methylphenol	8.669	107	345920	40.994	ng	98
37) 2-Methylnaphthalene	8.839	142	725599	38.882	ng	97
38) 1-Methylnaphthalene	8.939	142	679727	39.075	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	316549	38.914	ng	100
41) Hexachlorocyclopentadiene	8.992	237	171158	41.059	ng	99
43) 2,4,6-Trichlorophenol	9.110	196	219920	42.250	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.145	196	258115	42.723	ng		99
46)	1,1'-Biphenyl	9.304	154	861450	38.633	ng		99
47)	2-Chloronaphthalene	9.327	162	619801	38.353	ng		98
48)	2-Nitroaniline	9.422	65	232561	45.086	ng		100
49)	Acenaphthylene	9.745	152	1075498	38.998	ng		99
50)	Dimethylphthalate	9.604	163	771280	39.984	ng		99
51)	2,6-Dinitrotoluene	9.663	165	169982	46.473	ng		98
52)	Acenaphthene	9.916	154	670212	40.119	ng		98
53)	3-Nitroaniline	9.833	138	208607	45.544	ng		97
54)	2,4-Dinitrophenol	9.933	184	79802	51.545	ng		98
55)	Dibenzofuran	10.086	168	969426	39.005	ng		99
56)	4-Nitrophenol	9.980	139	161485	48.931	ng		98
57)	2,4-Dinitrotoluene	10.069	165	217823	47.866	ng	#	79
58)	Fluorene	10.427	166	704497	38.688	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.198	232	201493	44.283	ng		99
60)	Diethylphthalate	10.304	149	807717	40.336	ng		100
61)	4-Chlorophenyl-phenyle...	10.422	204	337699	38.623	ng		99
62)	4-Nitroaniline	10.451	138	204780	44.435	ng		97
63)	Azobenzene	10.586	77	794117	39.617	ng		99
65)	4,6-Dinitro-2-methylph...	10.474	198	105545	48.011	ng	#	75
66)	n-Nitrosodiphenylamine	10.545	169	668967	38.332	ng		98
67)	4-Bromophenyl-phenylether	10.916	248	221763	38.845	ng	#	90
68)	Hexachlorobenzene	10.974	284	228530	38.280	ng		98
69)	Atrazine	11.069	200	190668	39.819	ng		99
70)	Pentachlorophenol	11.163	266	165757	46.435	ng		98
71)	Phenanthrene	11.392	178	1048193	38.499	ng		100
72)	Anthracene	11.445	178	1084413	38.699	ng		99
73)	Carbazole	11.598	167	1031129	38.910	ng		99
74)	Di-n-butylphthalate	11.933	149	1248182	39.832	ng		100
75)	Fluoranthene	12.580	202	1180846	39.265	ng		100
77)	Benzidine	12.704	184	358341	33.970	ng		100
78)	Pyrene	12.810	202	1218920	39.716	ng		99
80)	Butylbenzylphthalate	13.433	149	515639	42.463	ng		99
81)	Benzo(a)anthracene	13.998	228	923618	38.442	ng		99
82)	3,3'-Dichlorobenzidine	13.962	252	288972	38.474	ng		99
83)	Chrysene	14.039	228	958908	39.534	ng		98
84)	Bis(2-ethylhexyl)phtha...	13.998	149	615172	40.529	ng		100
85)	Di-n-octyl phthalate	14.609	149	1095816	43.338	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.921	276	798812	37.963	ng		99
88)	Benzo(b)fluoranthene	15.045	252	805584	37.451	ng		100
89)	Benzo(k)fluoranthene	15.074	252	807210	38.486	ng		99
90)	Benzo(a)pyrene	15.409	252	754388	38.542	ng		100
91)	Dibenzo(a,h)anthracene	16.945	278	652434	38.243	ng		99
92)	Benzo(g,h,i)perylene	17.368	276	651131	37.851	ng		98

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

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