Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126075.D
Acq On : 9 Nov 2021 10:50
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 09 12:15:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/09/2021
Supervised By :mohammad ahmed 11/11/2021

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11/11/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	194949	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	690133	20.000	ng		0.00
39) Acenaphthene-d10	9.892	164	408309	20.000	ng		0.00
64) Phenanthrene-d10	11.374	188	754448	20.000	ng		0.00
76) Chrysene-d12	14.015	240	517422	20.000	ng	#	0.00
86) Perylene-d12	15.474	264	386036	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	889928	78.393	ng		0.00
7) Phenol-d6	6.486	99	1241104	77.555	ng		0.00
23) Nitrobenzene-d5	7.422	82	1267342	86.604	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	414642	88.613	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	2361344	78.152	ng		0.00
79) Terphenyl-d14	12.963	244	2692903	83.924	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	180858	38.315	ng	#	100
3) Pyridine	3.363	79	490665	38.629	ng		96
4) n-Nitrosodimethylamine	3.316	42	316307	35.511	ng	#	87
6) Aniline	6.522	93	682016	38.650	ng	#	90
8) 2-Chlorophenol	6.639	128	490893	40.468	ng	#	80
9) Benzaldehyde	6.404	77	358999	38.178	ng		87
10) Phenol	6.498	94	638774	39.038	ng		80
11) bis(2-Chloroethyl)ether	6.592	93	459472	38.552	ng		88
12) 1,3-Dichlorobenzene	6.798	146	552563	39.996	ng	#	94
13) 1,4-Dichlorobenzene	6.875	146	559986	39.750	ng		95
14) 1,2-Dichlorobenzene	7.028	146	532836	39.259	ng		95
15) Benzyl Alcohol	6.998	79	537056	39.297	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.133	45	797118	36.373	ng		93
17) 2-Methylphenol	7.110	107	405638	39.293	ng	#	91
18) Hexachloroethane	7.369	117	214792	40.583	ng	#	88
19) n-Nitroso-di-n-propyla...	7.275	70	408391	38.711	ng	#	80
20) 3+4-Methylphenols	7.263	107	542286	38.854	ng	#	71
22) Acetophenone	7.269	105	760815	38.170	ng		93
24) Nitrobenzene	7.439	77	594581	41.023	ng	#	83
25) Isophorone	7.681	82	996993	37.841	ng	#	88
26) 2-Nitrophenol	7.751	139	239145	46.770	ng	#	58
27) 2,4-Dimethylphenol	7.792	122	365616	38.061	ng	#	78
28) bis(2-Chloroethoxy)met...	7.886	93	595086	38.302	ng	#	96
29) 2,4-Dichlorophenol	7.992	162	443352	40.888	ng		95
30) 1,2,4-Trichlorobenzene	8.081	180	528058	39.941	ng		99
31) Naphthalene	8.163	128	1401738	39.214	ng		99
32) Benzoic acid	7.910	122	216529	38.560	ng	#	76
33) 4-Chloroaniline	8.204	127	562823	39.396	ng	#	86
34) Hexachlorobutadiene	8.280	225	374617	41.162	ng		98
35) Caprolactam	8.580	113	116622	38.624	ng	#	62
36) 4-Chloro-3-methylphenol	8.686	107	489377	39.139	ng		87
37) 2-Methylnaphthalene	8.851	142	963928	39.044	ng		98
38) 1-Methylnaphthalene	8.951	142	930042	38.891	ng		99
40) 1,2,4,5-Tetrachloroben...	9.016	216	543720	39.735	ng		99
41) Hexachlorocyclopentadiene	9.004	237	287535	40.443	ng		98
43) 2,4,6-Trichlorophenol	9.127	196	359295	43.360	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	375609	41.959	ng		93
46) 1,1'-Biphenyl	9.316	154	1237081	39.198	ng		97
47) 2-Chloronaphthalene	9.339	162	983741	39.602	ng		98
48) 2-Nitroaniline	9.433	65	337469	41.919	ng	#	77
49) Acenaphthylene	9.757	152	1504078	40.038	ng		99
50) Dimethylphthalate	9.616	163	1172120	39.430	ng	#	98
51) 2,6-Dinitrotoluene	9.675	165	237552	46.622	ng	#	68
52) Acenaphthene	9.927	154	951173	40.143	ng		98
53) 3-Nitroaniline	9.845	138	240476	46.038	ng	#	71
54) 2,4-Dinitrophenol	9.945	184	106478	49.175	ng	#	84
55) Dibenzofuran	10.098	168	1380376	38.699	ng		99
56) 4-Nitrophenol	9.998	139	179780	43.610	ng	#	58
57) 2,4-Dinitrotoluene	10.080	165	320669	43.973	ng	#	95
58) Fluorene	10.439	166	1100056	38.415	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	320949	42.340	ng	#	88
60) Diethylphthalate	10.316	149	1151549	38.629	ng		97
61) 4-Chlorophenyl-phenyle...	10.433	204	606904	39.629	ng		87
62) 4-Nitroaniline	10.457	138	241800	44.383	ng		85
63) Azobenzene	10.592	77	1199009	37.041	ng		91
65) 4,6-Dinitro-2-methylph...	10.486	198	172866	47.659	ng		97
66) n-Nitrosodiphenylamine	10.551	169	934653	38.902	ng		96
67) 4-Bromophenyl-phenylether	10.921	248	372510	40.764	ng		98
68) Hexachlorobenzene	10.992	284	383827	40.208	ng	#	85
69) Atrazine	11.074	200	350437	41.237	ng		93
70) Pentachlorophenol	11.180	266	221412	43.044	ng		93
71) Phenanthrene	11.404	178	1596729	39.026	ng		98
72) Anthracene	11.451	178	1591898	38.972	ng		99
73) Carbazole	11.604	167	1453735	38.372	ng		98
74) Di-n-butylphthalate	11.939	149	1728717	39.161	ng		99
75) Fluoranthene	12.586	202	1731393	38.002	ng		96
77) Benzidine	12.704	184	562422	32.516	ng		97
78) Pyrene	12.815	202	1734859	41.809	ng		96
80) Butylbenzylphthalate	13.433	149	663293	43.885	ng	#	85
81) Benzo(a)anthracene	14.004	228	1406665	39.573	ng		99
82) 3,3'-Dichlorobenzidine	13.962	252	425415	41.013	ng		98
83) Chrysene	14.039	228	1325332	40.071	ng		98
84) Bis(2-ethylhexyl)phtha...	13.998	149	838791	40.041	ng	#	99
85) Di-n-octyl phthalate	14.609	149	1168555	39.262	ng	#	100
87) Indeno(1,2,3-cd)pyrene	16.939	276	982955	43.019	ng	#	84
88) Benzo(b)fluoranthene	15.051	252	967682	38.538	ng	#	95
89) Benzo(k)fluoranthene	15.080	252	993774m	40.799	ng		
90) Benzo(a)pyrene	15.415	252	775477	39.200	ng	#	93
91) Dibenzo(a,h)anthracene	16.956	278	806462	42.972	ng	#	89
92) Benzo(g,h,i)perylene	17.380	276	787313	43.743	ng	#	83

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

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