Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012422\
Data File : BF126630.D
Acq On : 24 Jan 2022 10:48
Operator : CG/JU
Sample : PB142183BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 24 13:08:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 19 07:04:14 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB142183BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	110148	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	432891	20.000	ng		0.00
39) Acenaphthene-d10	10.010	164	241431	20.000	ng		0.00
64) Phenanthrene-d10	11.504	188	426015	20.000	ng		0.00
76) Chrysene-d12	14.157	240	319240	20.000	ng	#	0.00
86) Perylene-d12	15.680	264	234386	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	997594	119.179	ng		0.01
7) Phenol-d6	6.581	99	1355938	116.591	ng		0.00
23) Nitrobenzene-d5	7.528	82	991341	89.635	ng		0.00
42) 2,4,6-Tribromophenol	10.804	330	292689	129.542	ng		0.00
45) 2-Fluorobiphenyl	9.328	172	1233722	78.260	ng		0.00
79) Terphenyl-d14	13.092	244	1500788	78.850	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.887	88	148442	35.982	ng		88
3) Pyridine	3.646	79	354857	30.706	ng	#	83
4) n-Nitrosodimethylamine	3.610	42	177834	43.491	ng		84
6) Aniline	6.628	93	532356	36.529	ng		97
8) 2-Chlorophenol	6.745	128	343359	44.722	ng		88
9) Benzaldehyde	6.516	77	303974	42.328	ng		80
10) Phenol	6.598	94	555542	44.912	ng		95
11) bis(2-Chloroethyl)ether	6.698	93	444352	44.269	ng		96
12) 1,3-Dichlorobenzene	6.904	146	365186	42.846	ng	#	91
13) 1,4-Dichlorobenzene	6.981	146	369049	42.878	ng		94
14) 1,2-Dichlorobenzene	7.134	146	357951	44.114	ng		97
15) Benzyl Alcohol	7.104	79	443461	42.770	ng		89
16) 2,2'-oxybis(1-Chloropr...	7.234	45	491484	42.917	ng		82
17) 2-Methylphenol	7.204	107	336310	44.555	ng	#	91
18) Hexachloroethane	7.481	117	148035	42.597	ng	#	89
19) n-Nitroso-di-n-propyla...	7.375	70	358365	42.220	ng	#	86
20) 3+4-Methylphenols	7.357	107	425404	43.465	ng	#	81
22) Acetophenone	7.375	105	579092	43.408	ng	#	89
24) Nitrobenzene	7.545	77	550487	48.215	ng	#	82
25) Isophorone	7.787	82	929651	43.343	ng	#	93
26) 2-Nitrophenol	7.863	139	147408	49.493	ng	#	67
27) 2,4-Dimethylphenol	7.892	122	334378	47.309	ng		84
28) bis(2-Chloroethoxy)met...	7.992	93	548012	40.966	ng	#	97
29) 2,4-Dichlorophenol	8.098	162	291921	43.541	ng		95
30) 1,2,4-Trichlorobenzene	8.187	180	302227	42.035	ng		97
31) Naphthalene	8.269	128	1002099	42.851	ng		99
32) Benzoic acid	8.004	122	207406	51.730	ng	#	66
33) 4-Chloroaniline	8.316	127	197490	21.137	ng	#	91
34) Hexachlorobutadiene	8.381	225	191845	41.947	ng		97
35) Caprolactam	8.687	113	113951m	47.594	ng		
36) 4-Chloro-3-methylphenol	8.792	107	390617	44.553	ng		87
37) 2-Methylnaphthalene	8.963	142	639270	43.955	ng		98
38) 1-Methylnaphthalene	9.063	142	598071	42.427	ng		98
40) 1,2,4,5-Tetrachloroben...	9.128	216	289800	42.796	ng		98
41) Hexachlorocyclopentadiene	9.116	237	394143	95.597	ng		95
43) 2,4,6-Trichlorophenol	9.234	196	206920	42.864	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	217780	43.559	ng	#	92
46) 1,1'-Biphenyl	9.428	154	786289	43.229	ng		96
47) 2-Chloronaphthalene	9.457	162	605404	42.365	ng		99
48) 2-Nitroaniline	9.545	65	273498	55.431	ng	#	85
49) Acenaphthylene	9.875	152	966912	43.134	ng		98
50) Dimethylphthalate	9.728	163	739215	43.169	ng	#	99
51) 2,6-Dinitrotoluene	9.792	165	158077	53.424	ng		86
52) Acenaphthene	10.045	154	640948	46.770	ng		97
53) 3-Nitroaniline	9.957	138	115425	34.118	ng	#	72
54) 2,4-Dinitrophenol	10.063	184	120327	82.892	ng	#	80
55) Dibenzofuran	10.216	168	866063	42.053	ng		95
56) 4-Nitrophenol	10.110	139	279015	103.572	ng	#	52
57) 2,4-Dinitrotoluene	10.192	165	217604	60.688	ng	#	75
58) Fluorene	10.563	166	662235	42.590	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.328	232	184698	45.185	ng		88
60) Diethylphthalate	10.428	149	731413	42.969	ng		99
61) 4-Chlorophenyl-phenyle...	10.551	204	323582	41.668	ng		93
62) 4-Nitroaniline	10.581	138	172657	52.586	ng	#	60
63) Azobenzene	10.710	77	1083636	43.018	ng		90
65) 4,6-Dinitro-2-methylph...	10.598	198	83792	42.218	ng		74
66) n-Nitrosodiphenylamine	10.669	169	591681	41.145	ng		99
67) 4-Bromophenyl-phenylether	11.045	248	200030	40.740	ng		97
68) Hexachlorobenzene	11.104	284	228342	43.590	ng	#	94
69) Atrazine	11.198	200	206730	45.013	ng		94
70) Pentachlorophenol	11.298	266	261029	85.692	ng		99
71) Phenanthrene	11.528	178	1044485	42.914	ng		100
72) Anthracene	11.580	178	1069646	43.802	ng		99
73) Carbazole	11.733	167	958012	41.786	ng		100
74) Di-n-butylphthalate	12.057	149	1109500	40.132	ng	#	97
75) Fluoranthene	12.722	202	1075568	44.740	ng		96
77) Benzidine	12.839	184	406739	36.933	ng		98
78) Pyrene	12.951	202	1107251	42.890	ng		99
80) Butylbenzylphthalate	13.563	149	443210	39.516	ng	#	82
81) Benzo(a)anthracene	14.145	228	921574	42.471	ng		99
82) 3,3'-Dichlorobenzidine	14.104	252	180133	25.271	ng	#	95
83) Chrysene	14.180	228	896411	42.934	ng		99
84) Bis(2-ethylhexyl)phtha...	14.121	149	580713	38.230	ng		98
85) Di-n-octyl phthalate	14.757	149	866463	37.257	ng		96
87) Indeno(1,2,3-cd)pyrene	17.245	276	626363	43.252	ng	#	88
88) Benzo(b)fluoranthene	15.233	252	737448	47.445	ng	#	93
89) Benzo(k)fluoranthene	15.263	252	711756	46.638	ng	#	95
90) Benzo(a)pyrene	15.621	252	669908	52.972	ng	#	93
91) Dibenzo(a,h)anthracene	17.274	278	527662	43.982	ng	#	91
92) Benzo(g,h,i)perylene	17.727	276	527259	44.821	ng	#	87

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

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