Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
Data File : BF126296.D
Acq On : 21 Dec 2021 14:50
Operator : JU/CG
Sample : PB141506BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 22 05:20:16 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB141506BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	174066	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	751195	20.000	ng	#	0.00
39) Acenaphthene-d10	9.857	164	353375	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	546138	20.000	ng	#	0.00
76) Chrysene-d12	13.980	240	287812	20.000	ng		0.01
86) Perylene-d12	15.421	264	267035	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	1262595	106.819	ng		0.02
7) Phenol-d6	6.451	99	1622833	108.129	ng		0.00
23) Nitrobenzene-d5	7.381	82	1067338	76.952	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	319364	112.457	ng		0.01
45) 2-Fluorobiphenyl	9.180	172	1419445	70.450	ng		0.00
79) Terphenyl-d14	12.927	244	1242485	75.035	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	209387	36.291	ng	#	100
3) Pyridine	3.381	79	460973	30.085	ng	#	78
4) n-Nitrosodimethylamine	3.334	42	255937	43.462	ng	#	4
6) Aniline	6.481	93	598205	31.379	ng		97
8) 2-Chlorophenol	6.604	128	540414	45.086	ng		91
9) Benzaldehyde	6.363	77	298454	32.954	ng		94
10) Phenol	6.463	94	688029	40.840	ng		92
11) bis(2-Chloroethyl)ether	6.557	93	568008	43.436	ng		99
12) 1,3-Dichlorobenzene	6.757	146	505079	41.772	ng		97
13) 1,4-Dichlorobenzene	6.834	146	513253	42.035	ng		95
14) 1,2-Dichlorobenzene	6.987	146	492472	43.622	ng		96
15) Benzyl Alcohol	6.963	79	442990	40.432	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.092	45	911578	42.597	ng		93
17) 2-Methylphenol	7.075	107	439491	41.855	ng		97
18) Hexachloroethane	7.334	117	207212	43.144	ng		98
19) n-Nitroso-di-n-propyla...	7.234	70	373766	40.567	ng	#	74
20) 3+4-Methylphenols	7.228	107	493411	39.747	ng	#	76
22) Acetophenone	7.228	105	705960	40.834	ng		93
24) Nitrobenzene	7.398	77	584629	42.223	ng		89
25) Isophorone	7.639	82	1058979	40.431	ng	#	87
26) 2-Nitrophenol	7.716	139	281198	45.050	ng	#	84
27) 2,4-Dimethylphenol	7.757	122	481755	45.448	ng		98
28) bis(2-Chloroethoxy)met...	7.851	93	696600	40.451	ng	#	97
29) 2,4-Dichlorophenol	7.957	162	393076	41.717	ng		90
30) 1,2,4-Trichlorobenzene	8.045	180	398841	40.922	ng		99
31) Naphthalene	8.122	128	1466725	41.751	ng		98
32) Benzoic acid	7.886	122	334395	36.618	ng		95
33) 4-Chloroaniline	8.169	127	256084	17.458	ng		96
34) Hexachlorobutadiene	8.245	225	197187	41.195	ng		99
35) Caprolactam	8.545	113	152280m	65.030	ng		
36) 4-Chloro-3-methylphenol	8.657	107	464840	41.822	ng		91
37) 2-Methylnaphthalene	8.816	142	936367	43.281	ng		97
38) 1-Methylnaphthalene	8.916	142	861428	41.030	ng		95
40) 1,2,4,5-Tetrachloroben...	8.980	216	305999	40.121	ng	#	96
41) Hexachlorocyclopentadiene	8.975	237	366743	83.972	ng		94
43) 2,4,6-Trichlorophenol	9.092	196	232170	38.698	ng		93

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44) 2,4,5-Trichlorophenol	9.133	196	253693	40.833	ng		95
46) 1,1'-Biphenyl	9.280	154	1061538	40.627	ng		97
47) 2-Chloronaphthalene	9.304	162	787406	40.053	ng		97
48) 2-Nitroaniline	9.398	65	297669	41.484	ng		92
49) Acenaphthylene	9.722	152	1230352	40.958	ng		97
50) Dimethylphthalate	9.586	163	903308	40.354	ng		98
51) 2,6-Dinitrotoluene	9.639	165	207127	42.750	ng	#	79
52) Acenaphthene	9.892	154	859146m	44.102	ng		
53) 3-Nitroaniline	9.804	138	143846	23.359	ng	#	73
54) 2,4-Dinitrophenol	9.916	184	206080	103.301	ng	#	81
55) Dibenzofuran	10.063	168	1051674	39.651	ng		98
56) 4-Nitrophenol	9.975	139	344505	77.448	ng	#	80
57) 2,4-Dinitrotoluene	10.045	165	276861	44.796	ng	#	94
58) Fluorene	10.404	166	742634	38.676	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	187559	40.715	ng	#	100
60) Diethylphthalate	10.280	149	889852	39.557	ng		99
61) 4-Chlorophenyl-phenyle...	10.398	204	326829	37.804	ng		97
62) 4-Nitroaniline	10.422	138	219023	42.398	ng	#	73
63) Azobenzene	10.557	77	1065585	39.108	ng		84
65) 4,6-Dinitro-2-methylph...	10.451	198	130567	43.781	ng		93
66) n-Nitrosodiphenylamine	10.516	169	709984	40.507	ng		99
67) 4-Bromophenyl-phenylether	10.886	248	211725	41.307	ng	#	90
68) Hexachlorobenzene	10.957	284	249127	42.261	ng	#	84
69) Atrazine	11.045	200	216065	67.267	ng		98
70) Pentachlorophenol	11.145	266	256339	78.381	ng		92
71) Phenanthrene	11.369	178	1137172	40.343	ng		98
72) Anthracene	11.422	178	1184878	41.880	ng		99
73) Carbazole	11.569	167	1057718	39.698	ng		99
74) Di-n-butylphthalate	11.904	149	1385110	41.008	ng		99
75) Fluoranthene	12.551	202	1060608	41.762	ng		90
77) Benzidine	12.674	184	352415	77.667	ng		98
78) Pyrene	12.780	202	1071135	40.509	ng		97
80) Butylbenzylphthalate	13.404	149	530888	42.666	ng	#	82
81) Benzo(a)anthracene	13.968	228	656152	38.487	ng		100
82) 3,3'-Dichlorobenzidine	13.927	252	191340	24.567	ng	#	94
83) Chrysene	14.004	228	708119	39.977	ng		98
84) Bis(2-ethylhexyl)phtha...	13.963	149	590373	42.459	ng		99
85) Di-n-octyl phthalate	14.574	149	1079274	43.542	ng		98
87) Indeno(1,2,3-cd)pyrene	16.856	276	776373	43.588	ng	#	92
88) Benzo(b)fluoranthene	15.004	252	708151	44.136	ng	#	94
89) Benzo(k)fluoranthene	15.033	252	659185	42.947	ng	#	95
90) Benzo(a)pyrene	15.362	252	677471	50.803	ng	#	94
91) Dibenzo(a,h)anthracene	16.880	278	659441	45.544	ng		96
92) Benzo(g,h,i)perylene	17.292	276	641760	42.839	ng		92

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

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