Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124870.D
Acq On : 30 Jul 2021 11:32
Operator : JU/CG
Sample : PB138069BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138069BS

Manual Integrations APPROVED
mohammad
8/2/2021 3:44:28 PM

Quant Time: Jul 30 12:26:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	8069	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	31085	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	17477	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	30904	20.000	ng		0.00
76) Chrysene-d12	14.045	240	20850	20.000	ng	#	0.00
86) Perylene-d12	15.515	264	14941	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	69301	145.418	ng		0.03
7) Phenol-d6	6.510	99	83333	139.482	ng		0.01
23) Nitrobenzene-d5	7.445	82	55543	106.347	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	23090	153.875	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	113408	95.307	ng		0.00
79) Terphenyl-d14	12.986	244	126535	104.029	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	6855	41.150	ng	#	100
3) Pyridine	3.528	79	14710	37.302	ng		96
4) n-Nitrosodimethylamine	3.493	42	14070	45.117	ng	#	76
6) Aniline	6.539	93	28997	47.226	ng	#	95
8) 2-Chlorophenol	6.663	128	24065	44.771	ng		97
9) Benzaldehyde	6.428	77	14234	44.251	ng		96
10) Phenol	6.522	94	28532	49.870	ng		88
11) bis(2-Chloroethyl)ether	6.610	93	23134	50.997	ng		98
12) 1,3-Dichlorobenzene	6.816	146	25451	43.565	ng		97
13) 1,4-Dichlorobenzene	6.892	146	26062	44.592	ng		96
14) 1,2-Dichlorobenzene	7.045	146	24812	43.939	ng		95
15) Benzyl Alcohol	7.016	79	19533	49.718	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	36627	47.972	ng		95
17) 2-Methylphenol	7.128	107	18968	48.439	ng		95
18) Hexachloroethane	7.386	117	11051	49.886	ng	#	89
19) n-Nitroso-di-n-propyla...	7.292	70	17171	53.823	ng	#	89
20) 3+4-Methylphenols	7.281	107	24113	46.607	ng	#	84
22) Acetophenone	7.286	105	35256	48.943	ng	#	92
24) Nitrobenzene	7.463	77	25195	49.205	ng		99
25) Isophorone	7.698	82	44034	47.681	ng		93
26) 2-Nitrophenol	7.775	139	13059	46.046	ng	#	88
27) 2,4-Dimethylphenol	7.810	122	21306	48.823	ng		86
28) bis(2-Chloroethoxy)met...	7.904	93	29123	54.266	ng		96
29) 2,4-Dichlorophenol	8.016	162	20180	43.663	ng		91
30) 1,2,4-Trichlorobenzene	8.098	180	22962	45.330	ng		98
31) Naphthalene	8.180	128	71229	43.908	ng		98
32) Benzoic acid	7.945	122	11704	34.650	ng		94
33) 4-Chloroaniline	8.228	127	20903	34.267	ng	#	94
34) Hexachlorobutadiene	8.292	225	14031	46.338	ng		99
35) Caprolactam	8.610	113	6714m	55.892	ng		
36) 4-Chloro-3-methylphenol	8.710	107	22209	50.379	ng		93
37) 2-Methylnaphthalene	8.869	142	48659	44.892	ng		100
38) 1-Methylnaphthalene	8.969	142	45138	43.958	ng		97
40) 1,2,4,5-Tetrachloroben...	9.039	216	23089	47.349	ng		96
41) Hexachlorocyclopentadiene	9.022	237	28085	97.348	ng		96
43) 2,4,6-Trichlorophenol	9.151	196	16012	46.255	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	15456	43.484	ng		94
46) 1,1'-Biphenyl	9.333	154	57109	43.776	ng		98
47) 2-Chloronaphthalene	9.363	162	45931	44.475	ng		98
48) 2-Nitroaniline	9.457	65	13851	51.221	ng		86
49) Acenaphthylene	9.780	152	71062	44.619	ng		99
50) Dimethylphthalate	9.639	163	56211	46.710	ng	#	98
51) 2,6-Dinitrotoluene	9.704	165	12277	46.178	ng		96
52) Acenaphthene	9.951	154	41945	39.730	ng		97
53) 3-Nitroaniline	9.874	138	9702	34.687	ng		86
54) 2,4-Dinitrophenol	9.980	184	11226	73.022	ng		93
55) Dibenzofuran	10.122	168	65669	43.529	ng		99
56) 4-Nitrophenol	10.039	139	17757	80.394	ng		86
57) 2,4-Dinitrotoluene	10.110	165	15575	43.170	ng	#	97
58) Fluorene	10.463	166	50541	43.670	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.239	232	12590	44.851	ng	#	92
60) Diethylphthalate	10.339	149	57879	46.252	ng		100
61) 4-Chlorophenyl-phenyle...	10.457	204	25570	45.704	ng		89
62) 4-Nitroaniline	10.492	138	11513	41.600	ng		95
63) Azobenzene	10.616	77	53834	48.626	ng		92
65) 4,6-Dinitro-2-methylph...	10.516	198	7518	37.564	ng		95
66) n-Nitrosodiphenylamine	10.574	169	44813	44.747	ng		95
67) 4-Bromophenyl-phenylether	10.945	248	15630	47.688	ng		91
68) Hexachlorobenzene	11.010	284	17125	50.310	ng		93
69) Atrazine	11.104	200	15394	50.557	ng		96
70) Pentachlorophenol	11.210	266	16557	78.222	ng		94
71) Phenanthrene	11.427	178	73689	44.333	ng		99
72) Anthracene	11.480	178	77189	46.452	ng		99
73) Carbazole	11.633	167	63569	40.812	ng		98
74) Di-n-butylphthalate	11.957	149	95887	46.218	ng		98
75) Fluoranthene	12.615	202	74436	43.885	ng		99
77) Benzidine	12.739	184	45971	78.189	ng		98
78) Pyrene	12.845	202	75954	46.015	ng		97
80) Butylbenzylphthalate	13.457	149	36514	46.186	ng		90
81) Benzo(a)anthracene	14.033	228	59316	43.522	ng		98
82) 3,3'-Dichlorobenzidine	13.998	252	17024	45.009	ng		94
83) Chrysene	14.074	228	57085	43.476	ng		97
84) Bis(2-ethylhexyl)phtha...	14.015	149	56213	48.272	ng		100
85) Di-n-octyl phthalate	14.627	149	86693	45.877	ng	#	98
87) Indeno(1,2,3-cd)pyrene	17.015	276	39121	45.353	ng	#	91
88) Benzo(b)fluoranthene	15.086	252	49411	46.971	ng		96
89) Benzo(k)fluoranthene	15.121	252	44105	45.886	ng		99
90) Benzo(a)pyrene	15.456	252	42252	48.081	ng	#	94
91) Dibenzo(a,h)anthracene	17.027	278	33614	44.514	ng		97
92) Benzo(g,h,i)perylene	17.456	276	30960	43.236	ng		97

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

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