Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
Data File : BF124660.D
Acq On : 21 Jul 2021 13:29
Operator : JU/CG
Sample : PB137817BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB137817BS

Manual Integrations APPROVED
mohammad
7/22/2021 1:28:50 PM

Quant Time: Jul 21 16:09:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 21 16:08:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	7875	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	30802	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	16925	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	30199	20.000	ng		0.00
76) Chrysene-d12	14.063	240	19836	20.000	ng		0.00
86) Perylene-d12	15.539	264	15798	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	60041	132.096	ng		0.02
7) Phenol-d6	6.528	99	69173	125.102	ng		0.00
23) Nitrobenzene-d5	7.463	82	42685	87.481	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	19630	149.042	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	100166	86.302	ng		0.00
79) Terphenyl-d14	13.010	244	108933	92.217	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.828	88	6394	42.095	ng	#	100
3) Pyridine	3.563	79	14454	37.906	ng		89
4) n-Nitrosodimethylamine	3.528	42	14405	46.479	ng	#	95
6) Aniline	6.557	93	21265	36.500	ng		95
8) 2-Chlorophenol	6.681	128	24362	47.809	ng		99
9) Benzaldehyde	6.445	77	14012	43.195	ng		95
10) Phenol	6.539	94	27396	50.749	ng		99
11) bis(2-Chloroethyl)ether	6.634	93	21525	51.431	ng		96
12) 1,3-Dichlorobenzene	6.834	146	26780	48.016	ng		99
13) 1,4-Dichlorobenzene	6.910	146	26616	46.723	ng		99
14) 1,2-Dichlorobenzene	7.063	146	25982	47.993	ng		98
15) Benzyl Alcohol	7.034	79	17834	46.614	ng		88
16) 2,2'-oxybis(1-Chloropr...	7.169	45	36361	50.406	ng		96
17) 2-Methylphenol	7.145	107	18719	50.187	ng		93
18) Hexachloroethane	7.404	117	10256	47.810	ng		91
19) n-Nitroso-di-n-propyla...	7.310	70	14991	48.222	ng		96
20) 3+4-Methylphenols	7.298	107	23843	48.553	ng		93
22) Acetophenone	7.304	105	33334	47.685	ng	#	93
24) Nitrobenzene	7.481	77	22125	45.729	ng		95
25) Isophorone	7.722	82	40134	44.806	ng		98
26) 2-Nitrophenol	7.792	139	12962	49.664	ng		92
27) 2,4-Dimethylphenol	7.828	122	22460	51.934	ng		94
28) bis(2-Chloroethoxy)met...	7.928	93	26638	50.982	ng		98
29) 2,4-Dichlorophenol	8.034	162	20838	46.713	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	22971	46.532	ng		98
31) Naphthalene	8.198	128	71701	45.006	ng		100
32) Benzoic acid	7.963	122	16016m	48.674	ng		
33) 4-Chloroaniline	8.239	127	6455	10.722	ng		97
34) Hexachlorobutadiene	8.316	225	12859	46.149	ng		96
35) Caprolactam	8.628	113	6406m	56.775	ng		
36) 4-Chloro-3-methylphenol	8.728	107	21080	47.788	ng		98
37) 2-Methylnaphthalene	8.892	142	49786	46.311	ng		99
38) 1-Methylnaphthalene	8.992	142	45243	44.812	ng		98
40) 1,2,4,5-Tetrachloroben...	9.057	216	21330	47.252	ng	#	96
41) Hexachlorocyclopentadiene	9.045	237	33377	118.365	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	15941	48.915	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	15611	46.446	ng		94
46) 1,1'-Biphenyl	9.357	154	56806	44.192	ng		98
47) 2-Chloronaphthalene	9.380	162	46037	45.679	ng		98
48) 2-Nitroaniline	9.475	65	12464	51.428	ng		98
49) Acenaphthylene	9.798	152	74643	47.460	ng		98
50) Dimethylphthalate	9.663	163	56270	47.786	ng		98
51) 2,6-Dinitrotoluene	9.722	165	11546	49.738	ng		98
52) Acenaphthene	9.969	154	46028	45.770	ng		98
53) 3-Nitroaniline	9.886	138	5474	21.132	ng	#	95
54) 2,4-Dinitrophenol	9.998	184	13475	111.244	ng	#	78
55) Dibenzofuran	10.145	168	67162	45.423	ng		95
56) 4-Nitrophenol	10.051	139	21126	97.988	ng		93
57) 2,4-Dinitrotoluene	10.127	165	16135	50.770	ng	#	92
58) Fluorene	10.486	166	51691	45.196	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.257	232	12704	48.941	ng	#	96
60) Diethylphthalate	10.357	149	59512	48.336	ng		98
61) 4-Chlorophenyl-phenyle...	10.475	204	24985	48.129	ng		95
62) 4-Nitroaniline	10.510	138	12223	46.818	ng		92
63) Azobenzene	10.639	77	49821	46.292	ng		97
65) 4,6-Dinitro-2-methylph...	10.533	198	7913	45.869	ng		92
66) n-Nitrosodiphenylamine	10.598	169	45643	46.417	ng		94
67) 4-Bromophenyl-phenylether	10.969	248	14865	47.603	ng		92
68) Hexachlorobenzene	11.033	284	15952	49.860	ng		91
69) Atrazine	11.127	200	15614	51.847	ng		92
70) Pentachlorophenol	11.227	266	20350	100.558	ng		93
71) Phenanthrene	11.451	178	77866	47.262	ng		100
72) Anthracene	11.504	178	79701	48.220	ng		99
73) Carbazole	11.651	167	69285	45.365	ng		99
74) Di-n-butylphthalate	11.980	149	98793	48.019	ng		99
75) Fluoranthene	12.639	202	78442	47.190	ng		99
77) Benzidine	12.757	184	36800	49.626	ng		99
78) Pyrene	12.868	202	77968	47.310	ng		97
80) Butylbenzylphthalate	13.480	149	37155	46.628	ng		99
81) Benzo(a)anthracene	14.051	228	60003	45.611	ng		100
82) 3,3'-Dichlorobenzidine	14.010	252	9361	27.166	ng		97
83) Chrysene	14.092	228	58970	46.793	ng		98
84) Bis(2-ethylhexyl)phtha...	14.039	149	53829	50.316	ng		99
85) Di-n-octyl phthalate	14.651	149	80800	52.195	ng		99
87) Indeno(1,2,3-cd)pyrene	17.039	276	53487	58.378	ng		97
88) Benzo(b)fluoranthene	15.110	252	49394	43.560	ng		97
89) Benzo(k)fluoranthene	15.139	252	47004m	45.179	ng		
90) Benzo(a)pyrene	15.480	252	44316	47.345	ng		97
91) Dibenzo(a,h)anthracene	17.062	278	45210	57.971	ng		98
92) Benzo(g,h,i)perylene	17.498	276	46525	61.104	ng		92

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

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