Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
Data File : BF124629.D
Acq On : 20 Jul 2021 13:57
Operator : JU/CG
Sample : PB137770BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB137770BS

Manual Integrations APPROVED
mohammad
7/21/2021 11:42:05 AM

Quant Time: Jul 20 14:51:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 20 13:36:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	9909	20.000	ng		0.00
21) Naphthalene-d8	8.192	136	40034	20.000	ng		0.00
39) Acenaphthene-d10	9.951	164	21675	20.000	ng		0.00
64) Phenanthrene-d10	11.439	188	37253	20.000	ng	#	0.00
76) Chrysene-d12	14.080	240	20564	20.000	ng	#	0.00
86) Perylene-d12	15.563	264	15869	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.546	112	77144	134.885	ng		0.02
7) Phenol-d6	6.540	99	90435	129.983	ng		0.01
23) Nitrobenzene-d5	7.475	82	55604	87.679	ng		0.00
42) 2,4,6-Tribromophenol	10.745	330	22324	132.352	ng		0.00
45) 2-Fluorobiphenyl	9.275	172	126949	85.408	ng		0.00
79) Terphenyl-d14	13.027	244	113647	92.801	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.881	88	7804	40.812	ng	#	100
3) Pyridine	3.605	79	17175	35.797	ng		96
4) n-Nitrosodimethylamine	3.575	42	18888	48.434	ng	#	97
6) Aniline	6.569	93	27565	37.602	ng		93
8) 2-Chlorophenol	6.693	128	31363	48.914	ng		95
9) Benzaldehyde	6.451	77	2338	5.728	ng		92
10) Phenol	6.551	94	34903	51.383	ng		98
11) bis(2-Chloroethyl)ether	6.646	93	26509	50.338	ng		97
12) 1,3-Dichlorobenzene	6.845	146	33666	47.972	ng		98
13) 1,4-Dichlorobenzene	6.922	146	33409	46.609	ng		99
14) 1,2-Dichlorobenzene	7.075	146	32654	47.936	ng		98
15) Benzyl Alcohol	7.051	79	22992	47.760	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.181	45	45601	50.239	ng		98
17) 2-Methylphenol	7.157	107	23660	50.413	ng		99
18) Hexachloroethane	7.422	117	12856	47.628	ng	#	89
19) n-Nitroso-di-n-propyla...	7.328	70	19175	49.020	ng		97
20) 3+4-Methylphenols	7.310	107	31099	50.329	ng		92
22) Acetophenone	7.322	105	42826	47.136	ng		99
24) Nitrobenzene	7.492	77	28109	44.700	ng		99
25) Isophorone	7.734	82	51246	44.018	ng		94
26) 2-Nitrophenol	7.804	139	16434	48.447	ng		94
27) 2,4-Dimethylphenol	7.840	122	29585	52.633	ng		95
28) bis(2-Chloroethoxy)met...	7.940	93	33669	49.579	ng		98
29) 2,4-Dichlorophenol	8.045	162	26575	45.836	ng		100
30) 1,2,4-Trichlorobenzene	8.128	180	28783	44.860	ng		98
31) Naphthalene	8.216	128	93041	44.934	ng		98
32) Benzoic acid	7.987	122	20364m	47.731	ng		
33) 4-Chloroaniline	8.257	127	16665	21.298	ng		96
34) Hexachlorobutadiene	8.328	225	16543	45.679	ng		99
35) Caprolactam	8.651	113	8464m	57.716	ng		
36) 4-Chloro-3-methylphenol	8.745	107	26417	46.077	ng		99
37) 2-Methylnaphthalene	8.904	142	63567	45.494	ng		98
38) 1-Methylnaphthalene	9.004	142	57087	43.504	ng		99
40) 1,2,4,5-Tetrachloroben...	9.075	216	27286	47.200	ng	#	97
41) Hexachlorocyclopentadiene	9.063	237	35385	97.986	ng		94
43) 2,4,6-Trichlorophenol	9.181	196	20047	48.034	ng		95

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44) 2,4,5-Trichlorophenol	9.234	196	20304	47.170	ng		93
46) 1,1'-Biphenyl	9.375	154	74871	45.481	ng		100
47) 2-Chloronaphthalene	9.398	162	58224	45.111	ng		99
48) 2-Nitroaniline	9.492	65	15253	49.144	ng		98
49) Acenaphthylene	9.816	152	92570	45.960	ng		99
50) Dimethylphthalate	9.681	163	69373	46.003	ng	#	98
51) 2,6-Dinitrotoluene	9.739	165	14738	49.575	ng		96
52) Acenaphthene	9.986	154	55843	43.361	ng		95
53) 3-Nitroaniline	9.904	138	10520	31.711	ng	#	93
54) 2,4-Dinitrophenol	10.016	184	15633	100.777	ng	#	86
55) Dibenzofuran	10.163	168	83809	44.260	ng		96
56) 4-Nitrophenol	10.069	139	25712	93.124	ng		94
57) 2,4-Dinitrotoluene	10.145	165	19930	48.969	ng	#	89
58) Fluorene	10.504	166	63558	43.394	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.275	232	15873	47.748	ng	#	95
60) Diethylphthalate	10.381	149	71843	45.564	ng		98
61) 4-Chlorophenyl-phenyle...	10.492	204	29971	45.081	ng		95
62) 4-Nitroaniline	10.533	138	14779	44.203	ng		87
63) Azobenzene	10.651	77	58678	42.574	ng		98
65) 4,6-Dinitro-2-methylph...	10.551	198	9504	44.660	ng		85
66) n-Nitrosodiphenylamine	10.616	169	54468	44.903	ng		97
67) 4-Bromophenyl-phenylether	10.981	248	17580	45.637	ng	#	80
68) Hexachlorobenzene	11.045	284	19320	48.952	ng		96
69) Atrazine	11.139	200	16506	44.430	ng		93
70) Pentachlorophenol	11.239	266	23099	92.529	ng		95
71) Phenanthrene	11.469	178	89927	44.247	ng		100
72) Anthracene	11.516	178	92265	45.251	ng		99
73) Carbazole	11.669	167	78949	41.904	ng		99
74) Di-n-butylphthalate	11.998	149	109271	43.055	ng		99
75) Fluoranthene	12.651	202	85686	41.787	ng		98
77) Benzidine	12.769	184	18934	24.629	ng		99
78) Pyrene	12.880	202	84745	49.602	ng		98
80) Butylbenzylphthalate	13.498	149	37975	45.970	ng		92
81) Benzo(a)anthracene	14.069	228	60207	44.146	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	15015	42.031	ng		99
83) Chrysene	14.104	228	58978	45.143	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	49978	45.062	ng		100
85) Di-n-octyl phthalate	14.669	149	75125	46.811	ng		99
87) Indeno(1,2,3-cd)pyrene	17.062	276	52618	57.173	ng		97
88) Benzo(b)fluoranthene	15.127	252	53319	46.811	ng		98
89) Benzo(k)fluoranthene	15.157	252	49716m	47.571	ng		
90) Benzo(a)pyrene	15.504	252	47501	50.521	ng		98
91) Dibenzo(a,h)anthracene	17.092	278	44423	56.707	ng		97
92) Benzo(g,h,i)perylene	17.527	276	44442	58.107	ng		91

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

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