Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
Data File : BF124761.D
Acq On : 26 Jul 2021 12:26
Operator : JU/CG
Sample : PB137846BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB137846BSD

Manual Integrations APPROVED
mohammad
7/27/2021 12:05:10 PM

Quant Time: Jul 26 12:52:33 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	6.875	152	6901	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	27829	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	15486	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	27018	20.000	ng		0.00
76) Chrysene-d12	14.045	240	19239	20.000	ng	#	0.00
86) Perylene-d12	15.515	264	14562	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	51631	126.677	ng		0.02
7) Phenol-d6	6.504	99	62043	121.423	ng		0.00
23) Nitrobenzene-d5	7.439	82	33699	72.072	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	15943	119.906	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	73044	69.278	ng		0.00
79) Terphenyl-d14	12.986	244	72102	64.241	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.799	88	6724	47.196	ng	#	100
3) Pyridine	3.534	79	14643	43.417	ng		92
4) n-Nitrosodimethylamine	3.498	42	13115	49.172	ng	#	93
6) Aniline	6.539	93	22330	42.523	ng		96
8) 2-Chlorophenol	6.663	128	22315	48.542	ng		97
9) Benzaldehyde	6.422	77	10930	39.731	ng		96
10) Phenol	6.516	94	25972	53.079	ng		96
11) bis(2-Chloroethyl)ether	6.610	93	20618	53.143	ng		97
12) 1,3-Dichlorobenzene	6.816	146	24690	49.416	ng		96
13) 1,4-Dichlorobenzene	6.892	146	24770	49.555	ng		97
14) 1,2-Dichlorobenzene	7.045	146	23212	48.063	ng		98
15) Benzyl Alcohol	7.016	79	17420	51.844	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	33477	51.267	ng		95
17) 2-Methylphenol	7.128	107	17724	52.923	ng		96
18) Hexachloroethane	7.386	117	10083	53.220	ng	#	88
19) n-Nitroso-di-n-propyla...	7.292	70	14676	53.788	ng	#	90
20) 3+4-Methylphenols	7.281	107	22378	50.574	ng	#	83
22) Acetophenone	7.286	105	31923	49.501	ng		98
24) Nitrobenzene	7.457	77	22739	49.604	ng		94
25) Isophorone	7.698	82	38126	46.114	ng		94
26) 2-Nitrophenol	7.769	139	12847	50.599	ng		91
27) 2,4-Dimethylphenol	7.810	122	20608	52.748	ng		94
28) bis(2-Chloroethoxy)met...	7.904	93	25955	54.022	ng		97
29) 2,4-Dichlorophenol	8.010	162	19416	46.925	ng		94
30) 1,2,4-Trichlorobenzene	8.098	180	21546	47.511	ng		97
31) Naphthalene	8.181	128	66671	45.907	ng		98
32) Benzoic acid	7.939	122	14476	47.871	ng		96
33) 4-Chloroaniline	8.222	127	12872	23.570	ng	#	94
34) Hexachlorobutadiene	8.292	225	12344	45.536	ng		97
35) Caprolactam	8.604	113	6336m	58.917	ng		
36) 4-Chloro-3-methylphenol	8.710	107	19411	49.184	ng		98
37) 2-Methylnaphthalene	8.869	142	45482	46.870	ng		98
38) 1-Methylnaphthalene	8.969	142	41833	45.506	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	20549	47.558	ng		97
41) Hexachlorocyclopentadiene	9.022	237	29580	115.712	ng		97
43) 2,4,6-Trichlorophenol	9.145	196	14491	47.243	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	14547	46.189	ng		93
46) 1,1'-Biphenyl	9.333	154	54455	47.109	ng		99
47) 2-Chloronaphthalene	9.363	162	43334	47.355	ng		98
48) 2-Nitroaniline	9.457	65	11827	49.359	ng		95
49) Acenaphthylene	9.780	152	67029	47.498	ng		100
50) Dimethylphthalate	9.639	163	50587	47.441	ng	#	97
51) 2,6-Dinitrotoluene	9.698	165	11039	46.860	ng		91
52) Acenaphthene	9.951	154	38814	41.491	ng		93
53) 3-Nitroaniline	9.869	138	7323	29.548	ng	#	91
54) 2,4-Dinitrophenol	9.975	184	12233	89.803	ng		93
55) Dibenzofuran	10.122	168	60445	45.217	ng		99
56) 4-Nitrophenol	10.033	139	18179	92.886	ng		96
57) 2,4-Dinitrotoluene	10.104	165	14605	45.686	ng	#	98
58) Fluorene	10.463	166	46516	45.360	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	11667	46.906	ng	#	95
60) Diethylphthalate	10.339	149	52311	47.177	ng		100
61) 4-Chlorophenyl-phenyle...	10.457	204	22610	45.609	ng		91
62) 4-Nitroaniline	10.486	138	10800	44.041	ng		88
63) Azobenzene	10.616	77	46277	47.175	ng		96
65) 4,6-Dinitro-2-methylph...	10.516	198	7524	43.001	ng	#	77
66) n-Nitrosodiphenylamine	10.574	169	40326	46.058	ng		94
67) 4-Bromophenyl-phenylether	10.945	248	13478	47.037	ng	#	84
68) Hexachlorobenzene	11.010	284	14700	49.397	ng		98
69) Atrazine	11.104	200	13197	49.576	ng		93
70) Pentachlorophenol	11.204	266	17179	92.834	ng		95
71) Phenanthrene	11.427	178	67666	46.565	ng		99
72) Anthracene	11.480	178	68657	47.261	ng		98
73) Carbazole	11.633	167	59016	43.339	ng		99
74) Di-n-butylphthalate	11.957	149	85769	47.287	ng		99
75) Fluoranthene	12.616	202	68336	46.083	ng		98
77) Benzidine	12.733	184	34439	63.480	ng		95
78) Pyrene	12.845	202	69014	45.312	ng		99
80) Butylbenzylphthalate	13.457	149	34167	46.836	ng		94
81) Benzo(a)anthracene	14.033	228	55525	44.152	ng		97
82) 3,3'-Dichlorobenzidine	13.992	252	12259	35.125	ng		99
83) Chrysene	14.074	228	54806	45.235	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	49459	46.028	ng		99
85) Di-n-octyl phthalate	14.627	149	78328	44.921	ng		99
87) Indeno(1,2,3-cd)pyrene	16.998	276	38344	45.609	ng		96
88) Benzo(b)fluoranthene	15.086	252	47860	46.680	ng		97
89) Benzo(k)fluoranthene	15.115	252	44514	47.517	ng		98
90) Benzo(a)pyrene	15.457	252	41333	48.260	ng		98
91) Dibenzo(a,h)anthracene	17.015	278	32677	44.400	ng		95
92) Benzo(g,h,i)perylene	17.451	276	32377	46.391	ng	#	92

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

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