Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
Data File : BF124712.D
Acq On : 23 Jul 2021 14:32
Operator : JU/CG
Sample : PB137822BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB137822BS

Manual Integrations APPROVED
mohammad
7/27/2021 12:03:55 PM

Quant Time: Jul 23 16:16:17 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	7390	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	28298	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	15671	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	27002	20.000	ng	0.00
76) Chrysene-d12	14.039	240	19815	20.000	ng	0.00
86) Perylene-d12	15.509	264	15534	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	53350	122.233	ng	0.02
7) Phenol-d6	6.504	99	64025	117.011	ng	0.00
23) Nitrobenzene-d5	7.434	82	33809	71.109	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	16502	122.645	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	76532	71.729	ng	0.00
79) Terphenyl-d14	12.986	244	75446	65.267	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.822	88	7928	51.964	ng	# 100
3) Pyridine	3.551	79	16857	46.674	ng	97
4) n-Nitrosodimethylamine	3.516	42	14689	51.429	ng	# 94
6) Aniline	6.534	93	20442	36.352	ng	95
8) 2-Chlorophenol	6.657	128	23596	47.932	ng	94
9) Benzaldehyde	6.422	77	11210	38.052	ng	93
10) Phenol	6.516	94	25419m	48.511	ng	
11) bis(2-Chloroethyl)ether	6.610	93	21191	51.006	ng	99
12) 1,3-Dichlorobenzene	6.810	146	25712	48.056	ng	97
13) 1,4-Dichlorobenzene	6.887	146	26533	49.570	ng	99
14) 1,2-Dichlorobenzene	7.039	146	25439	49.188	ng	97
15) Benzyl Alcohol	7.010	79	18227	50.656	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.145	45	35135	50.246	ng	98
17) 2-Methylphenol	7.122	107	18276	50.960	ng	98
18) Hexachloroethane	7.386	117	10629	52.390	ng	# 90
19) n-Nitroso-di-n-propyla...	7.287	70	14945	51.150	ng	98
20) 3+4-Methylphenols	7.275	107	23234	49.034	ng	89
22) Acetophenone	7.281	105	32574	49.673	ng	# 93
24) Nitrobenzene	7.457	77	21692	46.536	ng	94
25) Isophorone	7.698	82	39213	46.643	ng	98
26) 2-Nitrophenol	7.769	139	13358	51.739	ng	# 89
27) 2,4-Dimethylphenol	7.804	122	21847	54.993	ng	94
28) bis(2-Chloroethoxy)met...	7.904	93	26022	53.264	ng	98
29) 2,4-Dichlorophenol	8.010	162	19960	47.441	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	22670	49.161	ng	96
31) Naphthalene	8.175	128	70975	48.061	ng	97
32) Benzoic acid	7.934	122	15603	50.743	ng	94
33) 4-Chloroaniline	8.222	127	12716	22.899	ng	97
34) Hexachlorobutadiene	8.292	225	13169	47.775	ng	93
35) Caprolactam	8.604	113	6178m	56.495	ng	
36) 4-Chloro-3-methylphenol	8.704	107	20971	52.256	ng	95
37) 2-Methylnaphthalene	8.869	142	47848	48.491	ng	98
38) 1-Methylnaphthalene	8.969	142	43474	46.507	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	21186	48.453	ng	97
41) Hexachlorocyclopentadiene	9.022	237	32745	126.581	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	15750	50.742	ng	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	14979	46.999	ng		94
46) 1,1'-Biphenyl	9.333	154	56455	48.262	ng		99
47) 2-Chloronaphthalene	9.357	162	45170	48.779	ng		97
48) 2-Nitroaniline	9.457	65	12507	51.581	ng		92
49) Acenaphthylene	9.775	152	69703	48.810	ng		98
50) Dimethylphthalate	9.639	163	52476	48.632	ng	#	97
51) 2,6-Dinitrotoluene	9.698	165	11646	48.853	ng		98
52) Acenaphthene	9.945	154	43201	45.635	ng		94
53) 3-Nitroaniline	9.863	138	7871	31.384	ng		93
54) 2,4-Dinitrophenol	9.975	184	13548	98.282	ng		87
55) Dibenzofuran	10.122	168	63481	46.928	ng		99
56) 4-Nitrophenol	10.028	139	19402	97.965	ng		94
57) 2,4-Dinitrotoluene	10.104	165	15698	48.525	ng	#	90
58) Fluorene	10.463	166	48847	47.071	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	11891	47.242	ng	#	96
60) Diethylphthalate	10.339	149	55160	49.159	ng		98
61) 4-Chlorophenyl-phenyle...	10.451	204	23555	46.954	ng		98
62) 4-Nitroaniline	10.486	138	11306	45.560	ng		94
63) Azobenzene	10.616	77	45778	46.115	ng		97
65) 4,6-Dinitro-2-methylph...	10.510	198	7943	45.423	ng		87
66) n-Nitrosodiphenylamine	10.575	169	42432	48.492	ng		98
67) 4-Bromophenyl-phenylether	10.945	248	14647	51.147	ng		97
68) Hexachlorobenzene	11.010	284	15016	50.489	ng		94
69) Atrazine	11.104	200	13445	50.537	ng		87
70) Pentachlorophenol	11.204	266	18287	98.881	ng		92
71) Phenanthrene	11.427	178	72198	49.713	ng		100
72) Anthracene	11.480	178	73417	50.567	ng		100
73) Carbazole	11.633	167	63042	46.323	ng		99
74) Di-n-butylphthalate	11.957	149	90441	49.893	ng		99
75) Fluoranthene	12.610	202	71812	48.456	ng		98
77) Benzidine	12.733	184	39015	69.824	ng		99
78) Pyrene	12.845	202	72931	46.491	ng		99
80) Butylbenzylphthalate	13.457	149	35552	47.318	ng		94
81) Benzo(a)anthracene	14.027	228	58486	45.154	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	10488	29.177	ng		98
83) Chrysene	14.068	228	57231	45.864	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	51635	46.657	ng		100
85) Di-n-octyl phthalate	14.627	149	84666	47.144	ng		99
87) Indeno(1,2,3-cd)pyrene	16.986	276	39299	43.820	ng		97
88) Benzo(b)fluoranthene	15.080	252	49397	45.165	ng		98
89) Benzo(k)fluoranthene	15.110	252	48147	48.179	ng	#	95
90) Benzo(a)pyrene	15.451	252	45122	49.387	ng		96
91) Dibenzo(a,h)anthracene	17.004	278	34616	44.091	ng		93
92) Benzo(g,h,i)perylene	17.433	276	32118	43.141	ng		96

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

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