Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
Data File : BF124740.D
Acq On : 24 Jul 2021 10:58
Operator : JU/CG
Sample : PB137907BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB137907BSD

Quant Time: Jul 25 04:27:22 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	8830	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	35192	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	18420	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	31107	20.000	ng	0.00
76) Chrysene-d12	14.039	240	20965	20.000	ng	# 0.00
86) Perylene-d12	15.503	264	16465	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	49153	94.251	ng	0.02
7) Phenol-d6	6.498	99	57676	88.218	ng	0.00
23) Nitrobenzene-d5	7.439	82	57077	96.530	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	14563	92.081	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	121902	97.201	ng	0.00
79) Terphenyl-d14	12.986	244	126155	103.147	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.804	88	8421	46.194	ng	# 100
3) Pyridine	3.534	79	18217	42.214	ng	96
4) n-Nitrosodimethylamine	3.504	42	17028	49.896	ng	# 98
6) Aniline	6.533	93	30241	45.007	ng	99
8) 2-Chlorophenol	6.657	128	28217	47.971	ng	95
9) Benzaldehyde	6.422	77	16245	46.151	ng	91
10) Phenol	6.516	94	32595	52.061	ng	96
11) bis(2-Chloroethyl)ether	6.610	93	25136	50.635	ng	98
12) 1,3-Dichlorobenzene	6.810	146	29771	46.568	ng	97
13) 1,4-Dichlorobenzene	6.886	146	31131	48.675	ng	97
14) 1,2-Dichlorobenzene	7.045	146	29015	46.954	ng	98
15) Benzyl Alcohol	7.016	79	21579	50.192	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	41324	49.459	ng	98
17) 2-Methylphenol	7.122	107	20829	48.607	ng	96
18) Hexachloroethane	7.386	117	12103	49.926	ng	# 88
19) n-Nitroso-di-n-propyla...	7.292	70	17705	50.714	ng	94
20) 3+4-Methylphenols	7.275	107	27196	48.035	ng	89
22) Acetophenone	7.286	105	38313	46.979	ng	# 98
24) Nitrobenzene	7.457	77	26828	46.279	ng	97
25) Isophorone	7.698	82	47122	45.070	ng	93
26) 2-Nitrophenol	7.769	139	15032	46.818	ng	# 89
27) 2,4-Dimethylphenol	7.804	122	25792	52.205	ng	91
28) bis(2-Chloroethoxy)met...	7.904	93	31344	51.589	ng	98
29) 2,4-Dichlorophenol	8.010	162	23387	44.697	ng	97
30) 1,2,4-Trichlorobenzene	8.092	180	26630	46.436	ng	96
31) Naphthalene	8.180	128	81742	44.508	ng	97
32) Benzoic acid	7.945	122	17868	46.725	ng	97
33) 4-Chloroaniline	8.222	127	18193	26.343	ng	95
34) Hexachlorobutadiene	8.292	225	15492	45.192	ng	98
35) Caprolactam	8.610	113	3279	24.111	ng	95
36) 4-Chloro-3-methylphenol	8.704	107	23204	46.494	ng	93
37) 2-Methylnaphthalene	8.869	142	55946	45.591	ng	98
38) 1-Methylnaphthalene	8.969	142	50920	43.802	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	24684	48.028	ng	97
41) Hexachlorocyclopentadiene	9.022	237	38243	125.771	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	18228	49.961	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	17086	45.609	ng		91
46) 1,1'-Biphenyl	9.333	154	63758	46.371	ng		99
47) 2-Chloronaphthalene	9.357	162	52415	48.155	ng		97
48) 2-Nitroaniline	9.451	65	14237	49.953	ng		93
49) Acenaphthylene	9.774	152	79948	47.629	ng		99
50) Dimethylphthalate	9.639	163	60974	48.074	ng	#	97
51) 2,6-Dinitrotoluene	9.698	165	13008	46.423	ng		90
52) Acenaphthene	9.951	154	48891	43.938	ng		99
53) 3-Nitroaniline	9.863	138	9807	33.268	ng		95
54) 2,4-Dinitrophenol	9.974	184	15162	93.576	ng		88
55) Dibenzofuran	10.121	168	72780	45.772	ng		97
56) 4-Nitrophenol	10.027	139	22368	96.086	ng		91
57) 2,4-Dinitrotoluene	10.104	165	17494	46.007	ng	#	97
58) Fluorene	10.463	166	56195	46.070	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	13654	46.151	ng	#	97
60) Diethylphthalate	10.339	149	62517	47.400	ng		97
61) 4-Chlorophenyl-phenyle...	10.451	204	26604	45.118	ng		100
62) 4-Nitroaniline	10.486	138	13380	45.871	ng		92
63) Azobenzene	10.616	77	54157	46.414	ng		95
65) 4,6-Dinitro-2-methylph...	10.510	198	8608	42.730	ng		86
66) n-Nitrosodiphenylamine	10.574	169	48139	47.754	ng		95
67) 4-Bromophenyl-phenylether	10.945	248	16418	49.766	ng		95
68) Hexachlorobenzene	11.010	284	17293	50.472	ng	#	89
69) Atrazine	11.104	200	16002	52.211	ng		96
70) Pentachlorophenol	11.204	266	20793	97.594	ng		94
71) Phenanthrene	11.427	178	79368	47.438	ng		99
72) Anthracene	11.480	178	83879	50.149	ng		99
73) Carbazole	11.627	167	70878	45.208	ng		98
74) Di-n-butylphthalate	11.957	149	100729	48.235	ng		99
75) Fluoranthene	12.610	202	78901	46.214	ng		97
77) Benzidine	12.733	184	65633	111.018	ng		98
78) Pyrene	12.839	202	82571	49.749	ng		99
80) Butylbenzylphthalate	13.457	149	39018	49.082	ng		99
81) Benzo(a)anthracene	14.027	228	63861	46.600	ng		98
82) 3,3'-Dichlorobenzidine	13.986	252	13134	34.534	ng		95
83) Chrysene	14.068	228	62823	47.583	ng		99
84) Bis(2-ethylhexyl)phtha...	14.009	149	58105	49.623	ng		98
85) Di-n-octyl phthalate	14.627	149	91620	48.218	ng		100
87) Indeno(1,2,3-cd)pyrene	16.986	276	45170	47.519	ng		94
88) Benzo(b)fluoranthene	15.080	252	56743	48.948	ng		97
89) Benzo(k)fluoranthene	15.109	252	49490	46.723	ng		97
90) Benzo(a)pyrene	15.445	252	48500	50.083	ng		99
91) Dibenzo(a,h)anthracene	17.003	278	39011	46.880	ng		98
92) Benzo(g,h,i)perylene	17.433	276	37158	47.088	ng		92

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

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