Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
Data File : BF124739.D
Acq On : 24 Jul 2021 10:25
Operator : JU/CG
Sample : PB137907BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB137907BS

Quant Time: Jul 25 04:27:05 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	8875	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	34849	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	18182	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	30807	20.000	ng		0.00
76) Chrysene-d12	14.039	240	20224	20.000	ng	#	0.00
86) Perylene-d12	15.504	264	15846	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	49409	94.262	ng		0.02
7) Phenol-d6	6.498	99	56027	85.261	ng		0.00
23) Nitrobenzene-d5	7.439	82	55429	94.666	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	13865	88.815	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	119289	96.362	ng		0.00
79) Terphenyl-d14	12.986	244	123908	105.022	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	8170	44.590	ng	#	100
3) Pyridine	3.522	79	17856	41.168	ng		94
4) n-Nitrosodimethylamine	3.493	42	16433	47.908	ng	#	95
6) Aniline	6.534	93	29056	43.024	ng		98
8) 2-Chlorophenol	6.657	128	27382	46.315	ng		99
9) Benzaldehyde	6.422	77	15184	42.918	ng		92
10) Phenol	6.516	94	30908	49.117	ng		100
11) bis(2-Chloroethyl)ether	6.610	93	24056	48.214	ng		98
12) 1,3-Dichlorobenzene	6.810	146	29223	45.479	ng		99
13) 1,4-Dichlorobenzene	6.886	146	29801	46.359	ng		95
14) 1,2-Dichlorobenzene	7.045	146	28669	46.158	ng		99
15) Benzyl Alcohol	7.016	79	21844	50.550	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.145	45	40965	48.781	ng		97
17) 2-Methylphenol	7.122	107	21050	48.874	ng		97
18) Hexachloroethane	7.381	117	11423	46.882	ng		93
19) n-Nitroso-di-n-propyla...	7.292	70	17619	50.212	ng		91
20) 3+4-Methylphenols	7.275	107	26148	45.950	ng		88
22) Acetophenone	7.281	105	37584	46.539	ng	#	86
24) Nitrobenzene	7.457	77	25576	44.554	ng		99
25) Isophorone	7.698	82	45797	44.234	ng		97
26) 2-Nitrophenol	7.769	139	15385	48.389	ng		92
27) 2,4-Dimethylphenol	7.804	122	25294	51.701	ng		91
28) bis(2-Chloroethoxy)met...	7.904	93	30522	50.730	ng		99
29) 2,4-Dichlorophenol	8.010	162	22899	44.195	ng		95
30) 1,2,4-Trichlorobenzene	8.092	180	25689	45.236	ng		98
31) Naphthalene	8.175	128	80415	44.217	ng		98
32) Benzoic acid	7.945	122	17181	45.371	ng		95
33) 4-Chloroaniline	8.222	127	18095	26.459	ng		93
34) Hexachlorobutadiene	8.292	225	15098	44.476	ng		97
35) Caprolactam	8.604	113	3344	24.831	ng		91
36) 4-Chloro-3-methylphenol	8.704	107	23050	46.640	ng		94
37) 2-Methylnaphthalene	8.869	142	53694	44.187	ng		96
38) 1-Methylnaphthalene	8.969	142	49376	42.892	ng		96
40) 1,2,4,5-Tetrachloroben...	9.033	216	24830	48.945	ng		96
41) Hexachlorocyclopentadiene	9.022	237	37746	125.762	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	17141	47.597	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	16530	44.703	ng		96
46) 1,1'-Biphenyl	9.333	154	63681	46.921	ng		98
47) 2-Chloronaphthalene	9.357	162	49809	46.360	ng		95
48) 2-Nitroaniline	9.451	65	13960	49.622	ng		96
49) Acenaphthylene	9.775	152	79640	48.067	ng		99
50) Dimethylphthalate	9.639	163	59830	47.789	ng		98
51) 2,6-Dinitrotoluene	9.698	165	12445	44.995	ng		88
52) Acenaphthene	9.945	154	49096	44.700	ng		98
53) 3-Nitroaniline	9.863	138	9506	32.669	ng		89
54) 2,4-Dinitrophenol	9.975	184	14683	91.806	ng	#	81
55) Dibenzofuran	10.122	168	71505	45.559	ng		96
56) 4-Nitrophenol	10.027	139	21779	94.780	ng		88
57) 2,4-Dinitrotoluene	10.104	165	17556	46.774	ng	#	91
58) Fluorene	10.463	166	54728	45.455	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	13364	45.762	ng	#	95
60) Diethylphthalate	10.333	149	60875	46.760	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	26355	45.280	ng		97
62) 4-Nitroaniline	10.486	138	12619	43.828	ng		93
63) Azobenzene	10.616	77	53687	46.613	ng		95
65) 4,6-Dinitro-2-methylph...	10.510	198	8323	41.717	ng		91
66) n-Nitrosodiphenylamine	10.574	169	47671	47.751	ng		95
67) 4-Bromophenyl-phenylether	10.945	248	16287	49.849	ng		94
68) Hexachlorobenzene	11.010	284	17182	50.636	ng	#	86
69) Atrazine	11.104	200	15583	51.339	ng		90
70) Pentachlorophenol	11.204	266	20156	95.525	ng		94
71) Phenanthrene	11.427	178	78822	47.571	ng		99
72) Anthracene	11.480	178	81675	49.307	ng		98
73) Carbazole	11.627	167	68645	44.210	ng		99
74) Di-n-butylphthalate	11.957	149	99804	48.258	ng		100
75) Fluoranthene	12.610	202	77706	45.957	ng		97
77) Benzidine	12.733	184	61012	106.983	ng		99
78) Pyrene	12.839	202	78806	49.221	ng		98
80) Butylbenzylphthalate	13.457	149	37681	49.137	ng		94
81) Benzo(a)anthracene	14.027	228	61980	46.884	ng		97
82) 3,3'-Dichlorobenzidine	13.986	252	12413	33.834	ng		98
83) Chrysene	14.068	228	59630	46.820	ng		97
84) Bis(2-ethylhexyl)phtha...	14.010	149	57822	51.190	ng		98
85) Di-n-octyl phthalate	14.627	149	89662	48.916	ng		98
87) Indeno(1,2,3-cd)pyrene	16.980	276	43681	47.748	ng		96
88) Benzo(b)fluoranthene	15.074	252	54609	48.947	ng		96
89) Benzo(k)fluoranthene	15.109	252	46844	45.952	ng		99
90) Benzo(a)pyrene	15.445	252	46452	49.842	ng		97
91) Dibenzo(a,h)anthracene	16.998	278	37645	47.005	ng		97
92) Benzo(g,h,i)perylene	17.433	276	35348	46.544	ng		94

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

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