Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
Data File : BF124764.D
Acq On : 26 Jul 2021 14:30
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 26 15:01:35 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	7725	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	28194	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	15586	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	28095	20.000	ng		0.00
76) Chrysene-d12	14.039	240	17215	20.000	ng		0.00
86) Perylene-d12	15.509	264	12510	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	36185	79.310	ng		0.00
7) Phenol-d6	6.504	99	44003	76.932	ng		0.00
23) Nitrobenzene-d5	7.439	82	39813	84.045	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	11153	83.343	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	84626	79.747	ng		0.00
79) Terphenyl-d14	12.986	244	86936	86.565	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	6131	38.443	ng	#	100
3) Pyridine	3.416	79	15619	41.371	ng		94
4) n-Nitrosodimethylamine	3.381	42	11706	39.208	ng		98
6) Aniline	6.539	93	23952	40.747	ng		96
8) 2-Chlorophenol	6.657	128	20145	39.147	ng		92
9) Benzaldehyde	6.428	77	11385	36.970	ng		95
10) Phenol	6.516	94	22708	41.458	ng		99
11) bis(2-Chloroethyl)ether	6.610	93	17739	40.846	ng		98
12) 1,3-Dichlorobenzene	6.816	146	22129	39.566	ng		95
13) 1,4-Dichlorobenzene	6.892	146	21498	38.421	ng		97
14) 1,2-Dichlorobenzene	7.045	146	20890	38.641	ng		95
15) Benzyl Alcohol	7.016	79	15256	40.560	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	28716	39.285	ng		96
17) 2-Methylphenol	7.122	107	15012	40.044	ng		94
18) Hexachloroethane	7.386	117	8747	41.244	ng	#	85
19) n-Nitroso-di-n-propyla...	7.292	70	13505	44.217	ng		87
20) 3+4-Methylphenols	7.275	107	19122	38.606	ng		95
22) Acetophenone	7.286	105	27241	41.694	ng		97
24) Nitrobenzene	7.457	77	19892	42.831	ng		94
25) Isophorone	7.698	82	34852	41.608	ng		96
26) 2-Nitrophenol	7.775	139	10699	41.593	ng		98
27) 2,4-Dimethylphenol	7.804	122	15687	39.633	ng		85
28) bis(2-Chloroethoxy)met...	7.904	93	20253	41.608	ng		99
29) 2,4-Dichlorophenol	8.010	162	16535	39.445	ng		94
30) 1,2,4-Trichlorobenzene	8.098	180	18232	39.683	ng		97
31) Naphthalene	8.181	128	58268	39.602	ng		97
32) Benzoic acid	7.928	122	11679	38.122	ng	#	85
33) 4-Chloroaniline	8.228	127	21613	39.063	ng		97
34) Hexachlorobutadiene	8.292	225	11660	42.456	ng		98
35) Caprolactam	8.604	113	4488	41.192	ng		91
36) 4-Chloro-3-methylphenol	8.704	107	16559	41.414	ng		99
37) 2-Methylnaphthalene	8.869	142	38106	38.761	ng		94
38) 1-Methylnaphthalene	8.969	142	35763	38.400	ng		97
40) 1,2,4,5-Tetrachloroben...	9.033	216	17603	40.479	ng		98
41) Hexachlorocyclopentadiene	9.022	237	10146	39.435	ng		96
43) 2,4,6-Trichlorophenol	9.145	196	12550	40.653	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	13115	41.375	ng		93
46) 1,1'-Biphenyl	9.333	154	46497	39.966	ng		98
47) 2-Chloronaphthalene	9.363	162	35802	38.873	ng		99
48) 2-Nitroaniline	9.451	65	10482	43.465	ng		91
49) Acenaphthylene	9.775	152	56078	39.483	ng		99
50) Dimethylphthalate	9.633	163	42806	39.886	ng		99
51) 2,6-Dinitrotoluene	9.698	165	9597	40.477	ng		99
52) Acenaphthene	9.951	154	36754	39.036	ng		94
53) 3-Nitroaniline	9.869	138	9795	39.269	ng		96
54) 2,4-Dinitrophenol	9.969	184	5194	37.885	ng		90
55) Dibenzofuran	10.122	168	52250	38.836	ng		100
56) 4-Nitrophenol	10.016	139	7324	37.182	ng	#	83
57) 2,4-Dinitrotoluene	10.098	165	13049	40.557	ng	#	92
58) Fluorene	10.463	166	40338	39.083	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.233	232	9955	39.766	ng	#	97
60) Diethylphthalate	10.333	149	44553	39.922	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	19473	39.029	ng		98
62) 4-Nitroaniline	10.480	138	9710	39.342	ng		89
63) Azobenzene	10.616	77	40510	41.031	ng		96
65) 4,6-Dinitro-2-methylph...	10.510	198	6910	37.978	ng		87
66) n-Nitrosodiphenylamine	10.574	169	35181	38.641	ng		97
67) 4-Bromophenyl-phenylether	10.945	248	11319	37.988	ng		84
68) Hexachlorobenzene	11.010	284	12701	41.043	ng	#	89
69) Atrazine	11.098	200	11095	40.082	ng		96
70) Pentachlorophenol	11.198	266	7353	38.212	ng		93
71) Phenanthrene	11.427	178	57405	37.990	ng		97
72) Anthracene	11.480	178	58060	38.434	ng		99
73) Carbazole	11.627	167	51704	36.514	ng		99
74) Di-n-butylphthalate	11.957	149	72866	38.633	ng		98
75) Fluoranthene	12.610	202	56848	36.866	ng		98
77) Benzidine	12.733	184	19549	40.270	ng		98
78) Pyrene	12.839	202	58184	42.692	ng		99
80) Butylbenzylphthalate	13.457	149	28155	43.132	ng		98
81) Benzo(a)anthracene	14.027	228	43960	39.066	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	11998	38.419	ng	#	96
83) Chrysene	14.068	228	42095	38.829	ng		98
84) Bis(2-ethylhexyl)phtha...	14.015	149	39305	40.879	ng		98
85) Di-n-octyl phthalate	14.627	149	60164	38.561	ng		99
87) Indeno(1,2,3-cd)pyrene	16.992	276	29812	41.277	ng		94
88) Benzo(b)fluoranthene	15.080	252	34529	39.202	ng		98
89) Benzo(k)fluoranthene	15.109	252	33383	41.480	ng		99
90) Benzo(a)pyrene	15.451	252	28887	39.260	ng		97
91) Dibenzo(a,h)anthracene	17.009	278	25187	39.836	ng		96
92) Benzo(g,h,i)perylene	17.439	276	23827	39.741	ng	#	91

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

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