Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072921\
Data File : BF124847.D
Acq On : 29 Jul 2021 12:42
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 29 13:49:59 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	7319	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	28136	20.000	ng		# 0.00
39) Acenaphthene-d10	9.916	164	15767	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	27877	20.000	ng		0.00
76) Chrysene-d12	14.045	240	19303	20.000	ng		# 0.00
86) Perylene-d12	15.521	264	14551	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	35469	82.053	ng		0.01
7) Phenol-d6	6.504	99	46389	85.602	ng		0.00
23) Nitrobenzene-d5	7.445	82	42721	90.370	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	11930	88.126	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	83513	77.795	ng		0.00
79) Terphenyl-d14	12.992	244	94640	84.042	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	5956	39.418	ng	#	100
3) Pyridine	3.422	79	15619	43.666	ng		91
4) n-Nitrosodimethylamine	3.387	42	11075	39.152	ng	#	80
6) Aniline	6.540	93	24080	43.237	ng		98
8) 2-Chlorophenol	6.663	128	19854	40.722	ng		92
9) Benzaldehyde	6.428	77	12260	42.020	ng		92
10) Phenol	6.522	94	22840	44.012	ng		93
11) bis(2-Chloroethyl)ether	6.610	93	17459	42.431	ng		96
12) 1,3-Dichlorobenzene	6.816	146	20407	38.511	ng		95
13) 1,4-Dichlorobenzene	6.892	146	21712	40.956	ng		93
14) 1,2-Dichlorobenzene	7.045	146	20388	39.804	ng		96
15) Benzyl Alcohol	7.016	79	16565	46.484	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	28561	41.241	ng		95
17) 2-Methylphenol	7.128	107	14952	42.096	ng		97
18) Hexachloroethane	7.387	117	8853	44.059	ng		98
19) n-Nitroso-di-n-propyla...	7.292	70	13827	47.782	ng		87
20) 3+4-Methylphenols	7.281	107	19332	41.195	ng	#	88
22) Acetophenone	7.287	105	26923	41.292	ng		94
24) Nitrobenzene	7.463	77	20759	44.790	ng		94
25) Isophorone	7.698	82	36796	44.020	ng	#	92
26) 2-Nitrophenol	7.775	139	10580	41.215	ng	#	80
27) 2,4-Dimethylphenol	7.810	122	15050	38.102	ng		92
28) bis(2-Chloroethoxy)met...	7.904	93	20968	43.166	ng		98
29) 2,4-Dichlorophenol	8.016	162	16425	39.263	ng		95
30) 1,2,4-Trichlorobenzene	8.098	180	17980	39.215	ng		96
31) Naphthalene	8.181	128	57815	39.375	ng		96
32) Benzoic acid	7.939	122	10023	32.784	ng		94
33) 4-Chloroaniline	8.228	127	21918	39.696	ng	#	92
34) Hexachlorobutadiene	8.292	225	11533	42.080	ng		96
35) Caprolactam	8.616	113	4258	39.162	ng		97
36) 4-Chloro-3-methylphenol	8.710	107	17651	44.236	ng		94
37) 2-Methylnaphthalene	8.875	142	38844	39.593	ng		96
38) 1-Methylnaphthalene	8.969	142	35758	38.473	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	18426	41.885	ng		94
41) Hexachlorocyclopentadiene	9.022	237	8630	33.157	ng		96
43) 2,4,6-Trichlorophenol	9.151	196	12886	41.262	ng		97

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44) 2,4,5-Trichlorophenol	9.192	196	13068	40.753	ng		94
46) 1,1'-Biphenyl	9.333	154	47034	39.964	ng		98
47) 2-Chloronaphthalene	9.363	162	37066	39.784	ng		99
48) 2-Nitroaniline	9.457	65	11069	45.373	ng		89
49) Acenaphthylene	9.780	152	56475	39.306	ng		99
50) Dimethylphthalate	9.639	163	43526	40.092	ng	#	97
51) 2,6-Dinitrotoluene	9.704	165	10171	42.406	ng		95
52) Acenaphthene	9.951	154	34313	36.025	ng		98
53) 3-Nitroaniline	9.869	138	9648	38.235	ng	#	73
54) 2,4-Dinitrophenol	9.975	184	4648	33.513	ng	#	85
55) Dibenzofuran	10.122	168	53321	39.177	ng		98
56) 4-Nitrophenol	10.028	139	7199	36.128	ng	#	83
57) 2,4-Dinitrotoluene	10.104	165	13217	40.607	ng		97
58) Fluorene	10.469	166	41775	40.011	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.239	232	10549	41.656	ng	#	93
60) Diethylphthalate	10.333	149	44669	39.567	ng		98
61) 4-Chlorophenyl-phenyle...	10.457	204	20205	40.031	ng		93
62) 4-Nitroaniline	10.486	138	10119	40.528	ng		93
63) Azobenzene	10.616	77	43617	43.671	ng		94
65) 4,6-Dinitro-2-methylph...	10.516	198	7309	40.485	ng		87
66) n-Nitrosodiphenylamine	10.575	169	35557	39.360	ng		97
67) 4-Bromophenyl-phenylether	10.945	248	12947	43.791	ng		93
68) Hexachlorobenzene	11.016	284	13466	43.856	ng	#	89
69) Atrazine	11.104	200	11353	41.335	ng		92
70) Pentachlorophenol	11.204	266	7132	37.353	ng		93
71) Phenanthrene	11.433	178	60252	40.185	ng		99
72) Anthracene	11.480	178	59890	39.955	ng		99
73) Carbazole	11.633	167	54624	38.877	ng		97
74) Di-n-butylphthalate	11.963	149	74058	39.572	ng		99
75) Fluoranthene	12.621	202	63224	41.322	ng		96
77) Benzidine	12.733	184	19997	36.737	ng		97
78) Pyrene	12.851	202	61664	40.352	ng		96
80) Butylbenzylphthalate	13.457	149	29808	40.725	ng		92
81) Benzo(a)anthracene	14.033	228	49470	39.207	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	13570	38.752	ng		96
83) Chrysene	14.074	228	47519	39.091	ng		98
84) Bis(2-ethylhexyl)phtha...	14.015	149	41913	38.876	ng		100
85) Di-n-octyl phthalate	14.627	149	65792	37.606	ng		100
87) Indeno(1,2,3-cd)pyrene	17.009	276	33156	39.468	ng		92
88) Benzo(b)fluoranthene	15.086	252	39898	38.944	ng		97
89) Benzo(k)fluoranthene	15.121	252	37720	40.295	ng		97
90) Benzo(a)pyrene	15.462	252	33915	39.629	ng		98
91) Dibenzo(a,h)anthracene	17.027	278	28484	38.732	ng	#	92
92) Benzo(g,h,i)perylene	17.462	276	27055	38.795	ng	#	88

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

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