Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
Data File : BF124966.D
Acq On : 7 Aug 2021 9:57
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 07 11:06:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 11:27:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	7536	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	27799	20.000	ng		0.00
39) Acenaphthene-d10	9.869	164	15261	20.000	ng		0.00
64) Phenanthrene-d10	11.351	188	26774	20.000	ng	#	0.00
76) Chrysene-d12	13.992	240	17940	20.000	ng		0.00
86) Perylene-d12	15.445	264	13527	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	37019	80.469	ng		0.00
7) Phenol-d6	6.463	99	47814	82.426	ng		0.00
23) Nitrobenzene-d5	7.398	82	42130	79.281	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	10424	76.455	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	83998	80.538	ng		0.00
79) Terphenyl-d14	12.939	244	85780	80.655	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	7230	42.008	ng	#	100
3) Pyridine	3.340	79	16264	40.668	ng		94
4) n-Nitrosodimethylamine	3.304	42	12017	42.314	ng		94
6) Aniline	6.498	93	25225	41.167	ng		99
8) 2-Chlorophenol	6.616	128	20131	39.893	ng		92
9) Benzaldehyde	6.381	77	11491	36.410	ng		97
10) Phenol	6.475	94	24725	41.309	ng		100
11) bis(2-Chloroethyl)ether	6.569	93	18603	41.431	ng		100
12) 1,3-Dichlorobenzene	6.769	146	22163	40.352	ng		99
13) 1,4-Dichlorobenzene	6.845	146	22425	40.842	ng		97
14) 1,2-Dichlorobenzene	7.004	146	21266	41.328	ng		99
15) Benzyl Alcohol	6.975	79	16404	39.204	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.104	45	29255	40.667	ng		95
17) 2-Methylphenol	7.081	107	15668	41.479	ng		96
18) Hexachloroethane	7.339	117	9073	42.206	ng		96
19) n-Nitroso-di-n-propyla...	7.245	70	13616	39.559	ng	#	92
20) 3+4-Methylphenols	7.239	107	20500	40.882	ng	#	79
22) Acetophenone	7.245	105	27169	39.906	ng		96
24) Nitrobenzene	7.416	77	20567	39.998	ng		97
25) Isophorone	7.651	82	36472	40.213	ng		96
26) 2-Nitrophenol	7.733	139	10698	40.971	ng		94
27) 2,4-Dimethylphenol	7.763	122	15176	41.000	ng		88
28) bis(2-Chloroethoxy)met...	7.863	93	19883	38.518	ng		97
29) 2,4-Dichlorophenol	7.969	162	16777	40.682	ng		97
30) 1,2,4-Trichlorobenzene	8.051	180	18205	39.392	ng		100
31) Naphthalene	8.133	128	57865	40.514	ng		98
32) Benzoic acid	7.892	122	7044	34.572	ng		89
33) 4-Chloroaniline	8.186	127	22097	41.516	ng		97
34) Hexachlorobutadiene	8.251	225	11053	40.049	ng		97
35) Caprolactam	8.563	113	4587	41.887	ng		98
36) 4-Chloro-3-methylphenol	8.663	107	16941	39.272	ng		92
37) 2-Methylnaphthalene	8.827	142	38158	39.736	ng		95
38) 1-Methylnaphthalene	8.922	142	36697	40.840	ng		96
40) 1,2,4,5-Tetrachloroben...	8.992	216	17209	39.286	ng		98
41) Hexachlorocyclopentadiene	8.975	237	5983	38.865	ng		95
43) 2,4,6-Trichlorophenol	9.104	196	11765	40.346	ng		92

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44) 2,4,5-Trichlorophenol	9.139	196	12183	41.272	ng		96
46) 1,1'-Biphenyl	9.292	154	45635	40.128	ng		98
47) 2-Chloronaphthalene	9.316	162	36242	40.056	ng		99
48) 2-Nitroaniline	9.410	65	10628	39.988	ng		94
49) Acenaphthylene	9.733	152	56223	40.909	ng		97
50) Dimethylphthalate	9.592	163	41918	40.533	ng		99
51) 2,6-Dinitrotoluene	9.657	165	9199	39.946	ng		96
52) Acenaphthene	9.904	154	33395	40.081	ng		100
53) 3-Nitroaniline	9.822	138	9911	40.862	ng		91
54) 2,4-Dinitrophenol	9.927	184	3675	34.763	ng		89
55) Dibenzofuran	10.074	168	53241	40.888	ng		99
56) 4-Nitrophenol	9.980	139	6485	40.560	ng	#	82
57) 2,4-Dinitrotoluene	10.057	165	12734	40.729	ng	#	95
58) Fluorene	10.416	166	40757	40.821	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	9344	42.190	ng	#	93
60) Diethylphthalate	10.286	149	42148	39.714	ng		100
61) 4-Chlorophenyl-phenyle...	10.410	204	19751	41.890	ng		87
62) 4-Nitroaniline	10.439	138	9267	39.352	ng	#	86
63) Azobenzene	10.569	77	40061	38.600	ng		94
65) 4,6-Dinitro-2-methylph...	10.469	198	6238	37.190	ng		83
66) n-Nitrosodiphenylamine	10.527	169	34317	39.546	ng		94
67) 4-Bromophenyl-phenylether	10.898	248	11690	39.863	ng		98
68) Hexachlorobenzene	10.963	284	12400	38.867	ng		90
69) Atrazine	11.051	200	9723	37.287	ng		91
70) Pentachlorophenol	11.157	266	4807	34.036	ng		87
71) Phenanthrene	11.380	178	57413	39.530	ng		97
72) Anthracene	11.433	178	58413	40.091	ng		98
73) Carbazole	11.586	167	52844	39.549	ng		99
74) Di-n-butylphthalate	11.910	149	64743	38.126	ng		100
75) Fluoranthene	12.568	202	58694	39.064	ng		97
77) Benzidine	12.686	184	21912	45.648	ng		98
78) Pyrene	12.798	202	59667	42.225	ng		97
80) Butylbenzylphthalate	13.410	149	25947	41.261	ng	#	93
81) Benzo(a)anthracene	13.980	228	46883	40.102	ng		99
82) 3,3'-Dichlorobenzidine	13.945	252	12411	40.267	ng	#	98
83) Chrysene	14.015	228	44767	39.611	ng		100
84) Bis(2-ethylhexyl)phtha...	13.962	149	35323	40.492	ng		99
85) Di-n-octyl phthalate	14.574	149	52816	38.376	ng		97
87) Indeno(1,2,3-cd)pyrene	16.898	276	32050	39.787	ng		94
88) Benzo(b)fluoranthene	15.021	252	39886	41.993	ng		99
89) Benzo(k)fluoranthene	15.051	252	34061	39.421	ng	#	98
90) Benzo(a)pyrene	15.386	252	32121	39.714	ng		98
91) Dibenzo(a,h)anthracene	16.915	278	28178	39.785	ng	#	92
92) Benzo(g,h,i)perylene	17.345	276	26918	39.621	ng		91

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

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