Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080321\
Data File : BF124915.D
Acq On : 3 Aug 2021 15:03
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 03 16:28:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:15:51 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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8/4/2021 3:45:10 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	5838	20.000	ng		-0.01
21) Naphthalene-d8	8.134	136	20433	20.000	ng		# 0.00
39) Acenaphthene-d10	9.886	164	11446	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	20505	20.000	ng		-0.01
76) Chrysene-d12	14.010	240	13850	20.000	ng		#-0.01
86) Perylene-d12	15.468	264	10647	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	28200	81.787	ng		-0.02
7) Phenol-d6	6.475	99	35331	81.736	ng		-0.01
23) Nitrobenzene-d5	7.416	82	33026	96.199	ng		-0.01
42) 2,4,6-Tribromophenol	10.675	330	8727	88.802	ng		-0.01
45) 2-Fluorobiphenyl	9.204	172	64934	83.323	ng		-0.01
79) Terphenyl-d14	12.957	244	74415	92.100	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.575	88	4913	40.763	ng	#	100
3) Pyridine	3.334	79	12676	44.428	ng	#	87
4) n-Nitrosodimethylamine	3.287	42	8790	38.957	ng		98
6) Aniline	6.510	93	18874	42.486	ng		97
8) 2-Chlorophenol	6.634	128	15398	39.594	ng		92
9) Benzaldehyde	6.398	77	9652	41.474	ng		97
10) Phenol	6.493	94	18324	44.267	ng		97
11) bis(2-Chloroethyl)ether	6.587	93	13928	42.436	ng		98
12) 1,3-Dichlorobenzene	6.787	146	16229	38.396	ng		94
13) 1,4-Dichlorobenzene	6.863	146	16582m	39.214	ng		
14) 1,2-Dichlorobenzene	7.022	146	16106	39.421	ng		97
15) Benzyl Alcohol	6.987	79	12526	44.066	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.122	45	22078	39.967	ng		95
17) 2-Methylphenol	7.098	107	12149	42.881	ng		98
18) Hexachloroethane	7.357	117	7008	43.725	ng		93
19) n-Nitroso-di-n-propyla...	7.263	70	10583	45.850	ng		90
20) 3+4-Methylphenols	7.251	107	14694	39.255	ng		91
22) Acetophenone	7.257	105	21261	44.901	ng	#	91
24) Nitrobenzene	7.434	77	15657	46.518	ng		99
25) Isophorone	7.669	82	28125	46.331	ng	#	91
26) 2-Nitrophenol	7.745	139	8153	43.734	ng	#	74
27) 2,4-Dimethylphenol	7.781	122	11808	41.164	ng		88
28) bis(2-Chloroethoxy)met...	7.881	93	16418	46.541	ng		98
29) 2,4-Dichlorophenol	7.987	162	12864	42.344	ng		98
30) 1,2,4-Trichlorobenzene	8.069	180	14647	43.989	ng		96
31) Naphthalene	8.151	128	44736	41.953	ng		99
32) Benzoic acid	7.904	122	6336	28.537	ng		89
33) 4-Chloroaniline	8.198	127	16908	42.167	ng	#	93
34) Hexachlorobutadiene	8.269	225	8820	44.314	ng		95
35) Caprolactam	8.569	113	3465	43.883	ng		99
36) 4-Chloro-3-methylphenol	8.681	107	14090	48.624	ng		90
37) 2-Methylnaphthalene	8.845	142	30383	42.644	ng		100
38) 1-Methylnaphthalene	8.939	142	27816	41.211	ng		100
40) 1,2,4,5-Tetrachloroben...	9.010	216	13894	43.506	ng		98
41) Hexachlorocyclopentadiene	8.992	237	6840	36.201	ng		94
43) 2,4,6-Trichlorophenol	9.122	196	9429	41.591	ng		97

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44) 2,4,5-Trichlorophenol	9.157	196	9760	41.927	ng		97
46) 1,1'-Biphenyl	9.310	154	35103	41.086	ng		98
47) 2-Chloronaphthalene	9.334	162	28178	41.662	ng		97
48) 2-Nitroaniline	9.428	65	8304	46.889	ng		94
49) Acenaphthylene	9.745	152	43854	42.044	ng		98
50) Dimethylphthalate	9.610	163	33027	41.905	ng	#	97
51) 2,6-Dinitrotoluene	9.669	165	7389	42.437	ng	#	82
52) Acenaphthene	9.922	154	26758	38.699	ng		99
53) 3-Nitroaniline	9.839	138	7320	39.961	ng		84
54) 2,4-Dinitrophenol	9.945	184	3745	37.196	ng		96
55) Dibenzofuran	10.092	168	41127	41.625	ng		97
56) 4-Nitrophenol	9.998	139	5359	37.047	ng		89
57) 2,4-Dinitrotoluene	10.075	165	10386	43.956	ng		94
58) Fluorene	10.433	166	31108	41.042	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.210	232	7367	40.073	ng	#	94
60) Diethylphthalate	10.304	149	34995	42.700	ng		99
61) 4-Chlorophenyl-phenyle...	10.428	204	15677	42.786	ng		91
62) 4-Nitroaniline	10.451	138	7621	42.046	ng		91
63) Azobenzene	10.586	77	33219	45.816	ng		95
65) 4,6-Dinitro-2-methylph...	10.480	198	5411	40.748	ng		100
66) n-Nitrosodiphenylamine	10.545	169	27721	41.718	ng		98
67) 4-Bromophenyl-phenylether	10.916	248	9367	43.073	ng		87
68) Hexachlorobenzene	10.980	284	10358	45.862	ng	#	88
69) Atrazine	11.069	200	8571	42.425	ng		89
70) Pentachlorophenol	11.175	266	5013	35.695	ng		93
71) Phenanthrene	11.398	178	47342	42.927	ng		98
72) Anthracene	11.451	178	46248	41.947	ng		99
73) Carbazole	11.604	167	41819	40.464	ng		99
74) Di-n-butylphthalate	11.927	149	56004	40.684	ng		99
75) Fluoranthene	12.586	202	46842	41.622	ng		95
77) Benzidine	12.704	184	16463	42.153	ng	#	97
78) Pyrene	12.816	202	47555	43.371	ng		96
80) Butylbenzylphthalate	13.427	149	22000	41.892	ng		99
81) Benzo(a)anthracene	13.998	228	36955	40.819	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	10222	40.685	ng	#	93
83) Chrysene	14.039	228	35617	40.836	ng		98
84) Bis(2-ethylhexyl)phtha...	13.980	149	31560	40.799	ng		99
85) Di-n-octyl phthalate	14.592	149	45808	36.493	ng		100
87) Indeno(1,2,3-cd)pyrene	16.939	276	28432	46.255	ng		95
88) Benzo(b)fluoranthene	15.045	252	29300	39.086	ng		98
89) Benzo(k)fluoranthene	15.074	252	28798	42.044	ng	#	96
90) Benzo(a)pyrene	15.410	252	25711	41.058	ng		98
91) Dibenzo(a,h)anthracene	16.951	278	24469	45.472	ng		97
92) Benzo(g,h,i)perylene	17.380	276	24103	47.235	ng		94

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

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