Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070721\
Data File : BF124537.D
Acq On : 7 Jul 2021 19:31
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Jul 08 04:21:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 04:18:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	5792	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	21626	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	11793	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	20438	20.000	ng	0.00
76) Chrysene-d12	14.098	240	14458	20.000	ng	0.00
86) Perylene-d12	15.592	264	10167	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	26777	72.707	ng	0.00
7) Phenol-d6	6.545	99	33285	69.218	ng	0.00
23) Nitrobenzene-d5	7.492	82	28093	53.862	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	7434	52.763	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	65088	67.610	ng	0.00
79) Terphenyl-d14	13.045	244	67019	69.429	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.775	88	4618	29.160	ng	# 100
3) Pyridine	3.528	79	11459	32.997	ng	100
4) n-Nitrosodimethylamine	3.498	42	9588	51.176	ng	100
6) Aniline	6.592	93	17067	31.769	ng	100
8) 2-Chlorophenol	6.710	128	15428	37.694	ng	100
9) Benzaldehyde	6.481	77	8738	39.035	ng	100
10) Phenol	6.557	94	16104	30.972	ng	100
11) bis(2-Chloroethyl)ether	6.663	93	12400	32.976	ng	100
12) 1,3-Dichlorobenzene	6.869	146	16338	32.865	ng	100
13) 1,4-Dichlorobenzene	6.945	146	17073	33.870	ng	100
14) 1,2-Dichlorobenzene	7.098	146	15968	33.637	ng	100
15) Benzyl Alcohol	7.063	79	11723	28.421	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.198	45	21580	44.735	ng	100
17) 2-Methylphenol	7.169	107	11210	34.227	ng	100
18) Hexachloroethane	7.439	117	6655	36.237	ng	100
19) n-Nitroso-di-n-propyla...	7.345	70	9355	28.928	ng	100
20) 3+4-Methylphenols	7.328	107	14127	33.045	ng	100
22) Acetophenone	7.339	105	19860	32.990	ng	100
24) Nitrobenzene	7.510	77	14226	27.302	ng	100
25) Isophorone	7.751	82	25426	28.354	ng	100
26) 2-Nitrophenol	7.828	139	7602	29.994	ng	100
27) 2,4-Dimethylphenol	7.857	122	12319	36.466	ng	100
28) bis(2-Chloroethoxy)met...	7.957	93	14574	32.064	ng	100
29) 2,4-Dichlorophenol	8.063	162	13099	32.664	ng	100
30) 1,2,4-Trichlorobenzene	8.151	180	13919	30.605	ng	100
31) Naphthalene	8.233	128	44876	35.271	ng	100
32) Benzoic acid	7.963	122	8886	50.759	ng	100
33) 4-Chloroaniline	8.275	127	17500	36.620	ng	100
34) Hexachlorobutadiene	8.351	225	8047	26.465	ng	100
35) Caprolactam	8.657	113	2881	27.415	ng	100
36) 4-Chloro-3-methylphenol	8.751	107	12932	31.927	ng	100
37) 2-Methylnaphthalene	8.922	142	30608	33.995	ng	100
38) 1-Methylnaphthalene	9.022	142	28222	33.700	ng	100
40) 1,2,4,5-Tetrachloroben...	9.086	216	12845	30.308	ng	100
41) Hexachlorocyclopentadiene	9.075	237	8072	245.457	ng	100
43) 2,4,6-Trichlorophenol	9.198	196	9392	35.313	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.233	196	9186	32.733	ng		100
46) 1,1'-Biphenyl	9.392	154	35763	35.680	ng		100
47) 2-Chloronaphthalene	9.416	162	28403	34.643	ng		100
48) 2-Nitroaniline	9.504	65	7411	27.478	ng		100
49) Acenaphthylene	9.833	152	43967	37.099	ng		100
50) Dimethylphthalate	9.692	163	32944	35.432	ng		100
51) 2,6-Dinitrotoluene	9.751	165	7330	34.129	ng		100
52) Acenaphthene	10.004	154	28093	37.332	ng		100
53) 3-Nitroaniline	9.922	138	7418	39.017	ng		100
54) 2,4-Dinitrophenol	10.016	184	3366	52.226	ng		100
55) Dibenzofuran	10.174	168	41345	34.471	ng		100
56) 4-Nitrophenol	10.063	139	6398	64.149	ng		100
57) 2,4-Dinitrotoluene	10.151	165	9314	32.716	ng		100
58) Fluorene	10.522	166	31133	33.782	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.286	232	7351	35.817	ng	#	100
60) Diethylphthalate	10.386	149	34407	37.189	ng		100
61) 4-Chlorophenyl-phenyle...	10.510	204	14656	32.090	ng		100
62) 4-Nitroaniline	10.533	138	7348	40.171	ng		100
63) Azobenzene	10.669	77	29526	32.060	ng		100
65) 4,6-Dinitro-2-methylph...	10.557	198	4896	33.420	ng		100
66) n-Nitrosodiphenylamine	10.627	169	27465	35.029	ng		100
67) 4-Bromophenyl-phenylether	11.004	248	8633	31.398	ng		100
68) Hexachlorobenzene	11.063	284	9171	30.699	ng		100
69) Atrazine	11.151	200	8385	41.452	ng		100
70) Pentachlorophenol	11.251	266	5576	89.392	ng		100
71) Phenanthrene	11.480	178	45972	35.682	ng		100
72) Anthracene	11.533	178	45727	35.621	ng		100
73) Carbazole	11.686	167	42059	37.593	ng		100
74) Di-n-butylphthalate	12.016	149	57495	43.157	ng		100
75) Fluoranthene	12.668	202	46999	36.250	ng		100
77) Benzidine	12.786	184	21595	74.528	ng		100
78) Pyrene	12.904	202	47825	36.238	ng		100
80) Butylbenzylphthalate	13.515	149	23491	44.825	ng		100
81) Benzo(a)anthracene	14.086	228	38196	36.643	ng		100
82) 3,3'-Dichlorobenzidine	14.051	252	10460	31.320	ng		100
83) Chrysene	14.127	228	37148	35.962	ng		100
84) Bis(2-ethylhexyl)phtha...	14.074	149	31442	44.780	ng		100
85) Di-n-octyl phthalate	14.692	149	45648	41.744	ng		100
87) Indeno(1,2,3-cd)pyrene	17.103	276	24805	30.937	ng		100
88) Benzo(b)fluoranthene	15.151	252	29811	38.694	ng		100
89) Benzo(k)fluoranthene	15.186	252	29375	41.675	ng		100
90) Benzo(a)pyrene	15.527	252	24503	35.790	ng		100
91) Dibenzo(a,h)anthracene	17.127	278	20780	30.088	ng		100
92) Benzo(g,h,i)perylene	17.568	276	20615	30.335	ng		100

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

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