Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080421\
Data File : BF124938.D
Acq On : 4 Aug 2021 16:55
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
8/5/2021 5:06:20 PM

Quant Time: Aug 04 17:25:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 04 16:39:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	7698	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	28078	20.000	ng	#	0.00
39) Acenaphthene-d10	9.881	164	15095	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	26701	20.000	ng		0.00
76) Chrysene-d12	14.004	240	18824	20.000	ng		0.00
86) Perylene-d12	15.463	264	14593	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	54081	115.648	ng		0.00
7) Phenol-d6	6.481	99	69434	117.844	ng		0.01
23) Nitrobenzene-d5	7.410	82	64324	119.617	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	16421	121.055	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	122252	117.814	ng		0.00
79) Terphenyl-d14	12.951	244	130077	115.728	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.610	88	10407	59.426	ng	#	100
3) Pyridine	3.357	79	25634	63.266	ng		92
4) n-Nitrosodimethylamine	3.334	42	18509	64.126	ng	#	86
6) Aniline	6.510	93	36359	58.490	ng	#	97
8) 2-Chlorophenol	6.628	128	29446	57.419	ng		89
9) Benzaldehyde	6.393	77	16024	52.006	ng		93
10) Phenol	6.492	94	36221	59.672	ng		85
11) bis(2-Chloroethyl)ether	6.581	93	26661	58.558	ng		96
12) 1,3-Dichlorobenzene	6.781	146	32392	58.047	ng		96
13) 1,4-Dichlorobenzene	6.857	146	32198	57.765	ng		97
14) 1,2-Dichlorobenzene	7.016	146	30674	58.712	ng		98
15) Benzyl Alcohol	6.987	79	24908	58.684	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	41874	57.252	ng		92
17) 2-Methylphenol	7.092	107	22354	58.240	ng	#	94
18) Hexachloroethane	7.351	117	12992	59.497	ng	#	87
19) n-Nitroso-di-n-propyla...	7.263	70	20039	57.242	ng		94
20) 3+4-Methylphenols	7.251	107	28961	56.804	ng	#	86
22) Acetophenone	7.257	105	40368	58.726	ng	#	90
24) Nitrobenzene	7.428	77	31604	60.771	ng		91
25) Isophorone	7.669	82	54086	58.782	ng	#	91
26) 2-Nitrophenol	7.739	139	16198	61.484	ng	#	82
27) 2,4-Dimethylphenol	7.781	122	21660	57.748	ng		88
28) bis(2-Chloroethoxy)met...	7.875	93	30573	58.507	ng	#	96
29) 2,4-Dichlorophenol	7.981	162	23797	56.698	ng		95
30) 1,2,4-Trichlorobenzene	8.063	180	27011	57.675	ng		99
31) Naphthalene	8.145	128	85871	59.473	ng		98
32) Benzoic acid	7.928	122	13984	81.350	ng		88
33) 4-Chloroaniline	8.198	127	31780	58.993	ng	#	92
34) Hexachlorobutadiene	8.257	225	16308	58.242	ng		98
35) Caprolactam	8.592	113	6630m	60.223	ng		
36) 4-Chloro-3-methylphenol	8.681	107	25851	58.993	ng		94
37) 2-Methylnaphthalene	8.839	142	56149	57.798	ng		95
38) 1-Methylnaphthalene	8.939	142	53227	58.592	ng		97
40) 1,2,4,5-Tetrachloroben...	9.004	216	25991	59.552	ng		97
43) 2,4,6-Trichlorophenol	9.116	196	17548	60.300	ng		96
44) 2,4,5-Trichlorophenol	9.157	196	17828	60.406	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.304	154	67167	59.573	ng		99
47) 2-Chloronaphthalene	9.328	162	52752	58.697	ng		95
48) 2-Nitroaniline	9.428	65	16057	60.706	ng		94
49) Acenaphthylene	9.745	152	79651	58.335	ng		99
50) Dimethylphthalate	9.610	163	61789	60.076	ng	#	98
51) 2,6-Dinitrotoluene	9.669	165	13782	60.111	ng	#	86
52) Acenaphthene	9.916	154	48765	59.039	ng		96
53) 3-Nitroaniline	9.839	138	13860	58.067	ng	#	73
54) 2,4-Dinitrophenol	9.945	184	7005	70.508	ng	#	85
55) Dibenzofuran	10.086	168	76149	58.909	ng		97
56) 4-Nitrophenol	9.998	139	10404	65.457	ng	#	80
57) 2,4-Dinitrotoluene	10.075	165	18783	60.713	ng	#	99
58) Fluorene	10.428	166	59657	60.284	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	13876	62.728	ng	#	95
60) Diethylphthalate	10.304	149	61888	58.658	ng		98
61) 4-Chlorophenyl-phenyle...	10.422	204	27734	58.898	ng		91
62) 4-Nitroaniline	10.463	138	14532	62.352	ng		93
63) Azobenzene	10.580	77	61404	59.566	ng		93
65) 4,6-Dinitro-2-methylph...	10.486	198	10550	67.264	ng		80
66) n-Nitrosodiphenylamine	10.545	169	51255	59.461	ng		95
67) 4-Bromophenyl-phenylether	10.910	248	17035	58.016	ng		91
68) Hexachlorobenzene	10.975	284	18923	59.750	ng		92
69) Atrazine	11.069	200	15473	60.098	ng		97
70) Pentachlorophenol	11.169	266	8930	70.528	ng		94
71) Phenanthrene	11.392	178	84393	58.300	ng		98
72) Anthracene	11.445	178	83586	57.576	ng		97
73) Carbazole	11.598	167	78441	59.109	ng		99
74) Di-n-butylphthalate	11.922	149	98998	58.567	ng		100
75) Fluoranthene	12.580	202	86678	57.924	ng		98
77) Benzidine	12.698	184	29986	53.701	ng	#	95
78) Pyrene	12.810	202	88960	59.868	ng		99
80) Butylbenzylphthalate	13.421	149	41301	62.591	ng		99
81) Benzo(a)anthracene	13.998	228	72419	58.750	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	18358	56.456	ng		97
83) Chrysene	14.033	228	69036	57.918	ng		98
84) Bis(2-ethylhexyl)phtha...	13.974	149	56103	61.089	ng		97
85) Di-n-octyl phthalate	14.586	149	89619	61.696	ng		99
87) Indeno(1,2,3-cd)pyrene	16.933	276	51348	59.271	ng		94
88) Benzo(b)fluoranthene	15.039	252	62767	61.624	ng	#	96
89) Benzo(k)fluoranthene	15.074	252	54647	58.795	ng		99
90) Benzo(a)pyrene	15.410	252	51173	58.897	ng	#	95
91) Dibenzo(a,h)anthracene	16.951	278	44609	58.528	ng		94
92) Benzo(g,h,i)perylene	17.380	276	43558	59.849	ng	#	91

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

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