Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060721\
Data File : BF124151.D
Acq On : 7 Jun 2021 11:42
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/8/2021 2:50:24 PM

Quant Time: Jun 07 12:48:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 07 12:48:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	44490	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	158462	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	93934	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	170763	20.000	ng		0.00
76) Chrysene-d12	14.033	240	102830	20.000	ng		0.00
86) Perylene-d12	15.509	264	82662	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	212789	71.998	ng		0.00
7) Phenol-d6	6.504	99	271525	68.349	ng		0.00
23) Nitrobenzene-d5	7.428	82	290695	72.758	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	99095	74.462	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	566430	75.881	ng		0.00
79) Terphenyl-d14	12.974	244	572473	76.435	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	41180	31.839	ng		93
3) Pyridine	3.381	79	113721	34.331	ng	#	80
4) n-Nitrosodimethylamine	3.340	42	63111	32.064	ng		94
6) Aniline	6.528	93	156876	34.573	ng		89
8) 2-Chlorophenol	6.651	128	119277	36.270	ng		98
9) Benzaldehyde	6.410	77	57643	32.644	ng		94
10) Phenol	6.516	94	146357	34.090	ng	#	75
11) bis(2-Chloroethyl)ether	6.598	93	114910	36.715	ng		95
12) 1,3-Dichlorobenzene	6.804	146	137492	35.763	ng		95
13) 1,4-Dichlorobenzene	6.881	146	140339	36.392	ng		93
14) 1,2-Dichlorobenzene	7.033	146	132890	36.023	ng		98
15) Benzyl Alcohol	7.010	79	128274	35.818	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.139	45	169753	34.768	ng		91
17) 2-Methylphenol	7.122	107	92101	34.452	ng	#	92
18) Hexachloroethane	7.375	117	55415	36.490	ng	#	88
19) n-Nitroso-di-n-propyla...	7.281	70	97431	34.743	ng	#	86
20) 3+4-Methylphenols	7.275	107	126301	35.656	ng	#	81
22) Acetophenone	7.275	105	166635	36.888	ng	#	94
24) Nitrobenzene	7.445	77	145439	36.286	ng		97
25) Isophorone	7.686	82	255439	35.479	ng	#	96
26) 2-Nitrophenol	7.763	139	66284	37.021	ng		95
27) 2,4-Dimethylphenol	7.804	122	95146	37.686	ng		88
28) bis(2-Chloroethoxy)met...	7.892	93	131661	36.887	ng		94
29) 2,4-Dichlorophenol	8.010	162	108862	37.264	ng		90
30) 1,2,4-Trichlorobenzene	8.086	180	121396	37.080	ng		99
31) Naphthalene	8.169	128	346564	36.581	ng		98
32) Benzoic acid	7.933	122	52773	34.065	ng	#	82
33) 4-Chloroaniline	8.216	127	131293	37.259	ng		95
34) Hexachlorobutadiene	8.286	225	88887	38.437	ng		96
35) Caprolactam	8.592	113	30309	37.765	ng	#	64
36) 4-Chloro-3-methylphenol	8.704	107	115201	36.043	ng	#	81
37) 2-Methylnaphthalene	8.857	142	255370	38.438	ng		98
38) 1-Methylnaphthalene	8.963	142	230477	37.123	ng		95
40) 1,2,4,5-Tetrachloroben...	9.027	216	123304	37.049	ng		97
41) Hexachlorocyclopentadiene	9.016	237	60338	37.911	ng		97
43) 2,4,6-Trichlorophenol	9.139	196	81700	37.639	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	89867	38.567	ng	#	91
46) 1,1'-Biphenyl	9.327	154	295022	37.206	ng		97
47) 2-Chloronaphthalene	9.351	162	233972	36.251	ng		98
48) 2-Nitroaniline	9.445	65	81949	35.183	ng		97
49) Acenaphthylene	9.769	152	343186	36.580	ng		97
50) Dimethylphthalate	9.627	163	283880	36.528	ng		96
51) 2,6-Dinitrotoluene	9.686	165	64020	35.927	ng		98
52) Acenaphthene	9.939	154	225428	36.789	ng		95
53) 3-Nitroaniline	9.857	138	58764	35.235	ng		96
54) 2,4-Dinitrophenol	9.963	184	32505	37.624	ng		90
55) Dibenzofuran	10.110	168	355565	37.075	ng		99
56) 4-Nitrophenol	10.022	139	42151	35.365	ng		91
57) 2,4-Dinitrotoluene	10.092	165	84882	36.119	ng	#	93
58) Fluorene	10.451	166	268987	36.539	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.227	232	68949	36.515	ng		95
60) Diethylphthalate	10.322	149	295222	37.641	ng		97
61) 4-Chlorophenyl-phenyle...	10.445	204	141156	37.501	ng		95
62) 4-Nitroaniline	10.474	138	57780	34.457	ng		91
63) Azobenzene	10.604	77	303038	37.066	ng		96
65) 4,6-Dinitro-2-methylph...	10.504	198	50982	37.151	ng	#	73
66) n-Nitrosodiphenylamine	10.563	169	239627	36.932	ng		97
67) 4-Bromophenyl-phenylether	10.933	248	85178	36.341	ng		93
68) Hexachlorobenzene	11.004	284	96275	36.265	ng		97
69) Atrazine	11.092	200	72385	39.411	ng		91
70) Pentachlorophenol	11.198	266	43324	33.828	ng		96
71) Phenanthrene	11.416	178	389157	36.481	ng		99
72) Anthracene	11.469	178	392527	36.538	ng		98
73) Carbazole	11.621	167	329520	35.198	ng		96
74) Di-n-butylphthalate	11.951	149	461637	38.369	ng		98
75) Fluoranthene	12.604	202	384180	34.310	ng		99
77) Benzidine	12.721	184	91325m	38.944	ng		
78) Pyrene	12.833	202	373885	37.864	ng		96
80) Butylbenzylphthalate	13.451	149	158173	39.488	ng	#	94
81) Benzo(a)anthracene	14.021	228	278832	37.222	ng		97
82) 3,3'-Dichlorobenzidine	13.986	252	88142	40.107	ng		94
83) Chrysene	14.062	228	259668	35.928	ng		95
84) Bis(2-ethylhexyl)phtha...	14.009	149	210429	44.163	ng		98
85) Di-n-octyl phthalate	14.621	149	302609	47.587	ng	#	92
87) Indeno(1,2,3-cd)pyrene	17.009	276	235404	35.461	ng		96
88) Benzo(b)fluoranthene	15.080	252	246765	38.429	ng	#	97
89) Benzo(k)fluoranthene	15.109	252	211382	34.773	ng		96
90) Benzo(a)pyrene	15.451	252	200618	35.970	ng		97
91) Dibenzo(a,h)anthracene	17.021	278	202162	35.613	ng		95
92) Benzo(g,h,i)perylene	17.462	276	196771	35.073	ng		99

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

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