Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013122\
Data File : BF126741.D
Acq On : 31 Jan 2022 10:10
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 01 02:38:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 27 03:09:40 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.957	152	169636	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	640998	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	363155	20.000	ng		0.00
64) Phenanthrene-d10	11.498	188	615649	20.000	ng		0.00
76) Chrysene-d12	14.151	240	436961	20.000	ng	#	0.00
86) Perylene-d12	15.674	264	308410	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.575	112	944497	73.267	ng		0.00
7) Phenol-d6	6.581	99	1316405	73.498	ng		0.00
23) Nitrobenzene-d5	7.528	82	1282134	78.291	ng		0.00
42) 2,4,6-Tribromophenol	10.798	330	278342	81.900	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1576725	66.494	ng		0.00
79) Terphenyl-d14	13.086	244	1849338	70.986	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.799	88	250640	39.449	ng	#	87
3) Pyridine	3.569	79	686744	38.586	ng	#	84
4) n-Nitrosodimethylamine	3.540	42	206779	32.836	ng	#	71
6) Aniline	6.628	93	842961m	37.558	ng		
8) 2-Chlorophenol	6.746	128	435289	36.814	ng		97
9) Benzaldehyde	6.516	77	417308	37.046	ng		89
10) Phenol	6.593	94	700807	36.788	ng		97
11) bis(2-Chloroethyl)ether	6.693	93	574798	37.183	ng		96
12) 1,3-Dichlorobenzene	6.898	146	481916m	36.713	ng		
13) 1,4-Dichlorobenzene	6.981	146	483275	36.459	ng		97
14) 1,2-Dichlorobenzene	7.134	146	448714	35.907	ng		99
15) Benzyl Alcohol	7.098	79	515861	32.305	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.228	45	646259	36.643	ng		85
17) 2-Methylphenol	7.204	107	428780	36.885	ng		95
18) Hexachloroethane	7.475	117	191081	35.702	ng	#	90
19) n-Nitroso-di-n-propyla...	7.369	70	417303	31.923	ng	#	85
20) 3+4-Methylphenols	7.357	107	537669	35.671	ng	#	80
22) Acetophenone	7.369	105	685189	34.686	ng	#	89
24) Nitrobenzene	7.545	77	644063	38.096	ng	#	89
25) Isophorone	7.781	82	1103439	34.743	ng		95
26) 2-Nitrophenol	7.857	139	222205	50.385	ng	#	77
27) 2,4-Dimethylphenol	7.887	122	384423	36.732	ng		87
28) bis(2-Chloroethoxy)met...	7.987	93	709026	35.795	ng		97
29) 2,4-Dichlorophenol	8.098	162	374477	37.721	ng		98
30) 1,2,4-Trichlorobenzene	8.181	180	389840	36.617	ng		98
31) Naphthalene	8.269	128	1254123	36.217	ng		100
32) Benzoic acid	8.004	122	235492	39.666	ng	#	75
33) 4-Chloroaniline	8.310	127	516719	37.349	ng	#	90
34) Hexachlorobutadiene	8.375	225	237891	35.128	ng		98
35) Caprolactam	8.692	113	142101	40.082	ng	#	77
36) 4-Chloro-3-methylphenol	8.787	107	475620	36.636	ng		87
37) 2-Methylnaphthalene	8.957	142	779867	36.213	ng		97
38) 1-Methylnaphthalene	9.057	142	755545	36.197	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	375515	36.866	ng		97
41) Hexachlorocyclopentadiene	9.104	237	213149	34.370	ng		95
43) 2,4,6-Trichlorophenol	9.234	196	269389	37.099	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	287834	38.274	ng	#	91
46) 1,1'-Biphenyl	9.422	154	961532	35.144	ng		95
47) 2-Chloronaphthalene	9.451	162	759220	35.321	ng		99
48) 2-Nitroaniline	9.545	65	330281	44.502	ng		95
49) Acenaphthylene	9.869	152	1194865	35.437	ng		99
50) Dimethylphthalate	9.722	163	927948	36.027	ng	#	99
51) 2,6-Dinitrotoluene	9.787	165	195496	43.924	ng		91
52) Acenaphthene	10.039	154	762090	36.970	ng		99
53) 3-Nitroaniline	9.957	138	232214	45.633	ng	#	78
54) 2,4-Dinitrophenol	10.057	184	101562	55.038	ng		96
55) Dibenzofuran	10.210	168	1093206	35.290	ng		99
56) 4-Nitrophenol	10.104	139	173910	42.918	ng	#	74
57) 2,4-Dinitrotoluene	10.192	165	262804	48.727	ng	#	96
58) Fluorene	10.557	166	820865	35.097	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.328	232	244037	39.691	ng	#	81
60) Diethylphthalate	10.422	149	897552	35.056	ng		98
61) 4-Chlorophenyl-phenyle...	10.545	204	417300	35.725	ng		89
62) 4-Nitroaniline	10.575	138	224538	45.465	ng		80
63) Azobenzene	10.704	77	1268563	33.479	ng		91
65) 4,6-Dinitro-2-methylph...	10.598	198	146577	49.553	ng		94
66) n-Nitrosodiphenylamine	10.663	169	726826	34.974	ng		99
67) 4-Bromophenyl-phenylether	11.039	248	265676	37.443	ng		92
68) Hexachlorobenzene	11.104	284	283380	37.433	ng	#	87
69) Atrazine	11.192	200	245477	36.986	ng		92
70) Pentachlorophenol	11.298	266	172608	39.210	ng		100
71) Phenanthrene	11.522	178	1241608	35.300	ng		100
72) Anthracene	11.575	178	1257562	35.635	ng		100
73) Carbazole	11.728	167	1192530	35.993	ng		98
74) Di-n-butylphthalate	12.051	149	1400190	35.046	ng	#	98
75) Fluoranthene	12.716	202	1272582	36.630	ng		98
77) Benzidine	12.833	184	446213	29.601	ng		96
78) Pyrene	12.951	202	1279551	36.211	ng		99
80) Butylbenzylphthalate	13.557	149	581814	37.898	ng	#	87
81) Benzo(a)anthracene	14.139	228	1087997	36.633	ng		99
82) 3,3'-Dichlorobenzidine	14.098	252	330603	33.885	ng	#	97
83) Chrysene	14.180	228	1033796	36.175	ng		99
84) Bis(2-ethylhexyl)phtha...	14.116	149	774600	37.256	ng	#	99
85) Di-n-octyl phthalate	14.739	149	1156731	36.339	ng		95
87) Indeno(1,2,3-cd)pyrene	17.239	276	727597	38.183	ng	#	92
88) Benzo(b)fluoranthene	15.221	252	762276	37.271	ng	#	94
89) Benzo(k)fluoranthene	15.251	252	763605	38.026	ng	#	96
90) Benzo(a)pyrene	15.610	252	607196	36.489	ng	#	95
91) Dibenzo(a,h)anthracene	17.262	278	606270	38.405	ng	#	94
92) Benzo(g,h,i)perylene	17.721	276	608457	39.308	ng	#	90

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

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