Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110422\
Data File : BF130985.D
Acq On : 04 Nov 2022 11:13
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 05 00:35:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 06:20:24 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/05/2022
Supervised By :Jagrut Upadhyay 11/07/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.916	152	80396	20.000	ng		0.00
21) Naphthalene-d8	8.204	136	294666	20.000	ng		0.00
39) Acenaphthene-d10	9.963	164	164726	20.000	ng		0.00
64) Phenanthrene-d10	11.457	188	296602	20.000	ng		0.00
76) Chrysene-d12	14.110	240	228454	20.000	ng		0.00
86) Perylene-d12	15.615	264	179701	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	374431	80.740	ng		0.00
7) Phenol-d6	6.540	99	473718	78.607	ng		0.00
23) Nitrobenzene-d5	7.487	82	477221	97.656	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	136481	98.424	ng		0.00
45) 2-Fluorobiphenyl	9.281	172	833412	76.492	ng		0.00
79) Terphenyl-d14	13.045	244	873706	70.081	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	91735	44.120	ng		93
3) Pyridine	3.487	79	255983	43.956	ng		99
4) n-Nitrosodimethylamine	3.452	42	147252	45.040	ng	#	99
6) Aniline	6.581	93	319573m	42.885	ng		
8) 2-Chlorophenol	6.698	128	243264	47.089	ng		95
9) Benzaldehyde	6.469	77	140128	36.330	ng		97
10) Phenol	6.557	94	258447m	39.852	ng		
11) bis(2-Chloroethyl)ether	6.651	93	200919	39.743	ng		98
12) 1,3-Dichlorobenzene	6.857	146	258589	44.173	ng		100
13) 1,4-Dichlorobenzene	6.934	146	250493	42.156	ng		99
14) 1,2-Dichlorobenzene	7.087	146	218564	39.717	ng		97
15) Benzyl Alcohol	7.057	79	192310	37.529	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.187	45	350048	38.845	ng		95
17) 2-Methylphenol	7.163	107	184385	41.759	ng		98
18) Hexachloroethane	7.428	117	89787	41.809	ng		97
19) n-Nitroso-di-n-propyla...	7.328	70	170483	41.578	ng		98
20) 3+4-Methylphenols	7.322	107	239280	41.679	ng	#	78
22) Acetophenone	7.328	105	312613	43.757	ng		94
24) Nitrobenzene	7.504	77	241913	45.272	ng		96
25) Isophorone	7.739	82	407919	40.480	ng		98
26) 2-Nitrophenol	7.816	139	109190	51.501	ng		89
27) 2,4-Dimethylphenol	7.851	122	165837	39.543	ng		100
28) bis(2-Chloroethoxy)met...	7.945	93	227170	40.364	ng		99
29) 2,4-Dichlorophenol	8.057	162	180702	41.884	ng		98
30) 1,2,4-Trichlorobenzene	8.139	180	204888	44.164	ng		96
31) Naphthalene	8.228	128	624637	40.630	ng		99
32) Benzoic acid	7.975	122	90727	33.249	ng		95
33) 4-Chloroaniline	8.275	127	247773	40.786	ng		97
34) Hexachlorobutadiene	8.334	225	132345	42.974	ng		99
35) Caprolactam	8.657	113	60441	43.717	ng		92
36) 4-Chloro-3-methylphenol	8.751	107	205979	44.015	ng		99
37) 2-Methylnaphthalene	8.916	142	392133	40.550	ng		99
38) 1-Methylnaphthalene	9.016	142	372267	39.556	ng		99
40) 1,2,4,5-Tetrachloroben...	9.081	216	209436	44.834	ng		99
41) Hexachlorocyclopentadiene	9.063	237	90193	36.747	ng		99
43) 2,4,6-Trichlorophenol	9.192	196	130737	40.277	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.233	196	148735	42.888	ng		99
46) 1,1'-Biphenyl	9.381	154	466230	39.727	ng		100
47) 2-Chloronaphthalene	9.410	162	440257	46.783	ng		97
48) 2-Nitroaniline	9.504	65	145811	48.170	ng		98
49) Acenaphthylene	9.828	152	593317	39.897	ng		99
50) Dimethylphthalate	9.686	163	443035	39.157	ng		100
51) 2,6-Dinitrotoluene	9.751	165	97826	45.630	ng	#	80
52) Acenaphthene	9.998	154	378253m	41.134	ng		
53) 3-Nitroaniline	9.922	138	109392	49.638	ng	#	86
54) 2,4-Dinitrophenol	10.028	184	50288	56.880	ng	#	83
55) Dibenzofuran	10.175	168	578790	43.424	ng		96
56) 4-Nitrophenol	10.075	139	85899	49.227	ng		94
57) 2,4-Dinitrotoluene	10.151	165	145155	53.274	ng		93
58) Fluorene	10.516	166	417620	39.791	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.286	232	135508	47.394	ng		97
60) Diethylphthalate	10.380	149	459090	41.258	ng		99
61) 4-Chlorophenyl-phenyle...	10.504	204	201029	40.039	ng		94
62) 4-Nitroaniline	10.539	138	106383	47.672	ng		96
63) Azobenzene	10.669	77	456907	39.336	ng		97
65) 4,6-Dinitro-2-methylph...	10.563	198	75186	58.564	ng		96
66) n-Nitrosodiphenylamine	10.628	169	379943	41.068	ng		99
67) 4-Bromophenyl-phenylether	10.998	248	129892	43.547	ng		95
68) Hexachlorobenzene	11.063	284	140331	42.700	ng		98
69) Atrazine	11.151	200	118976	44.531	ng		98
70) Pentachlorophenol	11.257	266	63622	33.926	ng		98
71) Phenanthrene	11.486	178	616802	40.291	ng		99
72) Anthracene	11.533	178	615588	40.769	ng		99
73) Carbazole	11.692	167	543282	40.178	ng		99
74) Di-n-butylphthalate	12.016	149	699302	42.583	ng		99
75) Fluoranthene	12.674	202	646759	39.763	ng		99
77) Benzidine	12.798	184	151855	27.382	ng		98
78) Pyrene	12.910	202	662929	34.395	ng		98
80) Butylbenzylphthalate	13.521	149	266356	38.411	ng		91
81) Benzo(a)anthracene	14.098	228	619495	40.900	ng		100
82) 3,3'-Dichlorobenzidine	14.057	252	164890	40.335	ng		96
83) Chrysene	14.133	228	582108	39.843	ng		100
84) Bis(2-ethylhexyl)phtha...	14.074	149	386042	46.301	ng		99
85) Di-n-octyl phthalate	14.698	149	539793	46.910	ng		98
87) Indeno(1,2,3-cd)pyrene	17.157	276	529051	44.333	ng		97
88) Benzo(b)fluoranthene	15.168	252	478835	41.221	ng		99
89) Benzo(k)fluoranthene	15.204	252	440725m	38.935	ng		
90) Benzo(a)pyrene	15.551	252	380799	40.779	ng		99
91) Dibenzo(a,h)anthracene	17.168	278	428314	44.028	ng		99
92) Benzo(g,h,i)perylene	17.621	276	434306	43.760	ng		97

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

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