Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
Data File : BF127224.D
Acq On : 07 Mar 2022 16:12
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

Quant Time: Mar 08 00:02:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 02:16:58 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	92828	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	369236	20.000	ng	#	0.00
39) Acenaphthene-d10	9.928	164	209903	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	371370	20.000	ng	#	0.00
76) Chrysene-d12	14.068	240	241271	20.000	ng	#	0.00
86) Perylene-d12	15.551	264	176658	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	503868	83.893	ng		0.00
7) Phenol-d6	6.516	99	675396	83.338	ng		0.00
23) Nitrobenzene-d5	7.451	82	693790	84.812	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	231672	95.861	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1243400	87.206	ng		0.00
79) Terphenyl-d14	13.004	244	1377277	83.916	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	119567	43.505	ng		97
3) Pyridine	3.416	79	307699	42.684	ng		94
4) n-Nitrosodimethylamine	3.387	42	149613	42.368	ng		79
6) Aniline	6.545	93	391107	40.731	ng		94
8) 2-Chlorophenol	6.669	128	274035	42.524	ng		96
9) Benzaldehyde	6.434	77	221039	44.807	ng		98
10) Phenol	6.534	94	344252m	42.039	ng		
11) bis(2-Chloroethyl)ether	6.622	93	265211	41.292	ng		99
12) 1,3-Dichlorobenzene	6.822	146	298269	42.907	ng		99
13) 1,4-Dichlorobenzene	6.898	146	304411	43.194	ng		98
14) 1,2-Dichlorobenzene	7.051	146	295126	43.913	ng		98
15) Benzyl Alcohol	7.028	79	284011	41.598	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.151	45	362785	35.871	ng		86
17) 2-Methylphenol	7.140	107	239908	43.030	ng	#	91
18) Hexachloroethane	7.392	117	119937	44.399	ng	#	88
19) n-Nitroso-di-n-propyla...	7.298	70	221370	42.390	ng		96
20) 3+4-Methylphenols	7.292	107	316982	43.782	ng	#	89
22) Acetophenone	7.292	105	419070	43.107	ng		93
24) Nitrobenzene	7.469	77	323824	41.904	ng		97
25) Isophorone	7.704	82	561111	41.453	ng	#	97
26) 2-Nitrophenol	7.781	139	154890	47.076	ng	#	79
27) 2,4-Dimethylphenol	7.816	122	233059m	43.118	ng		
28) bis(2-Chloroethoxy)met...	7.910	93	345636	42.118	ng		99
29) 2,4-Dichlorophenol	8.028	162	229652	45.192	ng		98
30) 1,2,4-Trichlorobenzene	8.104	180	263788	46.431	ng		98
31) Naphthalene	8.187	128	809758	42.011	ng		99
32) Benzoic acid	7.957	122	154858	40.398	ng		87
33) 4-Chloroaniline	8.239	127	331548	43.701	ng		99
34) Hexachlorobutadiene	8.298	225	154837	46.682	ng		97
35) Caprolactam	8.628	113	76978	43.378	ng	#	88
36) 4-Chloro-3-methylphenol	8.722	107	293512	45.194	ng		96
37) 2-Methylnaphthalene	8.881	142	559724	44.753	ng		95
38) 1-Methylnaphthalene	8.981	142	566216	47.276	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	244315	44.217	ng		98
41) Hexachlorocyclopentadiene	9.028	237	118670	39.599	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	173039	42.699	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	184121	43.175	ng		93
46) 1,1'-Biphenyl	9.345	154	705325	42.412	ng		96
47) 2-Chloronaphthalene	9.375	162	532422	43.173	ng		98
48) 2-Nitroaniline	9.475	65	195364	40.144	ng		93
49) Acenaphthylene	9.786	152	829069	41.387	ng		98
50) Dimethylphthalate	9.651	163	648397	43.216	ng	#	99
51) 2,6-Dinitrotoluene	9.716	165	135252	44.308	ng		96
52) Acenaphthene	9.963	154	557606m	42.801	ng		
53) 3-Nitroaniline	9.886	138	159667	42.790	ng		93
54) 2,4-Dinitrophenol	9.992	184	74775	46.280	ng	#	89
55) Dibenzofuran	10.133	168	753438	42.058	ng		93
56) 4-Nitrophenol	10.051	139	104289	37.842	ng	#	76
57) 2,4-Dinitrotoluene	10.122	165	178726	43.304	ng	#	96
58) Fluorene	10.475	166	586363	42.021	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	150596	44.544	ng		93
60) Diethylphthalate	10.345	149	684226	43.644	ng		100
61) 4-Chlorophenyl-phenyle...	10.463	204	293082	44.542	ng		93
62) 4-Nitroaniline	10.510	138	153873	41.760	ng	#	79
63) Azobenzene	10.628	77	673557	38.583	ng		93
65) 4,6-Dinitro-2-methylph...	10.533	198	104352	47.823	ng		98
66) n-Nitrosodiphenylamine	10.586	169	512117	42.054	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	194036	46.763	ng		92
68) Hexachlorobenzene	11.022	284	213666	47.833	ng		95
69) Atrazine	11.116	200	174589	46.226	ng		98
70) Pentachlorophenol	11.222	266	100319	41.141	ng		98
71) Phenanthrene	11.445	178	892332	42.929	ng		99
72) Anthracene	11.498	178	877091	42.386	ng		99
73) Carbazole	11.651	167	810659	42.719	ng		98
74) Di-n-butylphthalate	11.969	149	1075808	44.098	ng		98
75) Fluoranthene	12.633	202	852312	43.184	ng		95
77) Benzidine	12.757	184	245780	37.485	ng		97
78) Pyrene	12.869	202	839543	40.052	ng		100
80) Butylbenzylphthalate	13.474	149	401768	40.487	ng		90
81) Benzo(a)anthracene	14.057	228	703898	43.275	ng		100
82) 3,3'-Dichlorobenzidine	14.016	252	220804	43.075	ng	#	96
83) Chrysene	14.092	228	653754	42.741	ng		98
84) Bis(2-ethylhexyl)phtha...	14.027	149	560565	43.027	ng	#	96
85) Di-n-octyl phthalate	14.645	149	854300	45.543	ng		95
87) Indeno(1,2,3-cd)pyrene	17.074	276	492311	42.500	ng	#	85
88) Benzo(b)fluoranthene	15.115	252	524603	44.214	ng	#	93
89) Benzo(k)fluoranthene	15.145	252	520387	45.472	ng	#	94
90) Benzo(a)pyrene	15.492	252	412516	44.511	ng	#	93
91) Dibenzo(a,h)anthracene	17.086	278	408153	42.603	ng	#	90
92) Benzo(g,h,i)perylene	17.533	276	390262	41.320	ng	#	85

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

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