Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131087.D
Acq On : 09 Nov 2022 15:19
Operator : CG\JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :Jagrut Upadhyay 11/10/2022

Quant Time: Nov 09 16:51:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 09 15:43:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	89125	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	309608	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	175745	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	310211	20.000	ng		0.00
76) Chrysene-d12	14.080	240	166227	20.000	ng		0.00
86) Perylene-d12	15.568	264	112772	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	782791	141.627	ng		0.01
7) Phenol-d6	6.534	99	994667	147.441	ng		0.01
23) Nitrobenzene-d5	7.475	82	1000678	149.816	ng		0.01
42) 2,4,6-Tribromophenol	10.739	330	282404	145.952	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	1726501	133.883	ng		0.00
79) Terphenyl-d14	13.022	244	1687603	162.769	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	186182	70.854	ng		98
3) Pyridine	3.452	79	526412	72.069	ng		98
4) n-Nitrosodimethylamine	3.440	42	305797	74.451	ng		97
6) Aniline	6.569	93	630141	75.107	ng		99
8) 2-Chlorophenol	6.687	128	426031	69.290	ng		97
9) Benzaldehyde	6.451	77	273239	70.117	ng		94
10) Phenol	6.551	94	584839	73.979	ng		90
11) bis(2-Chloroethyl)ether	6.640	93	416431	72.619	ng		99
12) 1,3-Dichlorobenzene	6.840	146	490213	72.446	ng		98
13) 1,4-Dichlorobenzene	6.916	146	496984	70.527	ng		97
14) 1,2-Dichlorobenzene	7.069	146	432896	62.850	ng		96
15) Benzyl Alcohol	7.045	79	387007	65.676	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.175	45	693383	69.530	ng		99
17) 2-Methylphenol	7.151	107	365070	70.967	ng		98
18) Hexachloroethane	7.410	117	186171	69.737	ng		94
19) n-Nitroso-di-n-propyla...	7.322	70	315966	65.721	ng		98
20) 3+4-Methylphenols	7.310	107	435844	65.514	ng	#	89
22) Acetophenone	7.316	105	563120	68.317	ng	#	87
24) Nitrobenzene	7.492	77	502485	73.350	ng		98
25) Isophorone	7.728	82	849085	74.164	ng		99
26) 2-Nitrophenol	7.798	139	234162	80.261	ng		92
27) 2,4-Dimethylphenol	7.834	122	347838m	77.162	ng		
28) bis(2-Chloroethoxy)met...	7.934	93	459676	72.701	ng		100
29) 2,4-Dichlorophenol	8.045	162	359390	74.023	ng		99
30) 1,2,4-Trichlorobenzene	8.122	180	388917	73.465	ng		98
31) Naphthalene	8.210	128	1253704	74.093	ng		99
32) Benzoic acid	7.992	122	267060	86.965	ng		98
33) 4-Chloroaniline	8.263	127	537566	81.241	ng		98
34) Hexachlorobutadiene	8.316	225	287762	83.263	ng		99
35) Caprolactam	8.657	113	129757m	87.107	ng		
36) 4-Chloro-3-methylphenol	8.739	107	433312	82.691	ng		99
37) 2-Methylnaphthalene	8.898	142	846674	78.649	ng		98
38) 1-Methylnaphthalene	8.998	142	814234	79.212	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	424628	74.958	ng		99
41) Hexachlorocyclopentadiene	9.045	237	202742	77.643	ng		99
43) 2,4,6-Trichlorophenol	9.175	196	293832	77.775	ng		99

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44) 2,4,5-Trichlorophenol	9.222	196	325223	76.769	ng		94
46) 1,1'-Biphenyl	9.363	154	991792	72.453	ng		100
47) 2-Chloronaphthalene	9.392	162	813193	73.276	ng		98
48) 2-Nitroaniline	9.492	65	313554	76.874	ng		86
49) Acenaphthylene	9.810	152	1226061	71.892	ng		100
50) Dimethylphthalate	9.669	163	954114	70.248	ng		100
51) 2,6-Dinitrotoluene	9.733	165	211953	73.358	ng		89
52) Acenaphthene	9.981	154	738074	70.678	ng		98
53) 3-Nitroaniline	9.910	138	248975	79.839	ng		96
54) 2,4-Dinitrophenol	10.010	184	132210	90.873	ng		93
55) Dibenzofuran	10.151	168	1082892	68.199	ng		97
56) 4-Nitrophenol	10.069	139	178318	81.016	ng	#	84
57) 2,4-Dinitrotoluene	10.139	165	277321	73.879	ng		98
58) Fluorene	10.492	166	867870	68.728	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	267578	77.531	ng		98
60) Diethylphthalate	10.363	149	898511	63.478	ng		99
61) 4-Chlorophenyl-phenyle...	10.481	204	413588	66.126	ng		97
62) 4-Nitroaniline	10.533	138	249900	78.176	ng		92
63) Azobenzene	10.645	77	944388	68.642	ng		98
65) 4,6-Dinitro-2-methylph...	10.551	198	177341	90.092	ng		97
66) n-Nitrosodiphenylamine	10.610	169	794057	72.440	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	270342	69.360	ng		94
68) Hexachlorobenzene	11.039	284	303000	71.669	ng		96
69) Atrazine	11.133	200	244958	78.559	ng		98
70) Pentachlorophenol	11.233	266	156715	85.434	ng		99
71) Phenanthrene	11.463	178	1272678	72.836	ng		99
72) Anthracene	11.516	178	1259264	73.423	ng		99
73) Carbazole	11.669	167	1133064	77.217	ng		99
74) Di-n-butylphthalate	11.986	149	1293339	65.804	ng		99
75) Fluoranthene	12.651	202	1316984	71.008	ng		100
77) Benzidine	12.769	184	362527	80.853	ng		96
78) Pyrene	12.880	202	1329725	87.835	ng		99
80) Butylbenzylphthalate	13.492	149	434105	72.785	ng		95
81) Benzo(a)anthracene	14.069	228	933609	77.352	ng		99
82) 3,3'-Dichlorobenzidine	14.033	252	237030	72.269	ng		98
83) Chrysene	14.110	228	853256	74.442	ng		100
84) Bis(2-ethylhexyl)phtha...	14.045	149	432475	63.294	ng		99
85) Di-n-octyl phthalate	14.663	149	500853	51.438	ng		100
87) Indeno(1,2,3-cd)pyrene	17.098	276	760800	91.318	ng		99
88) Benzo(b)fluoranthene	15.133	252	609648	74.392	ng		99
89) Benzo(k)fluoranthene	15.168	252	541840	67.862	ng		98
90) Benzo(a)pyrene	15.510	252	505636	77.606	ng		98
91) Dibenzo(a,h)anthracene	17.121	278	617067	90.223	ng		98
92) Benzo(g,h,i)perylene	17.568	276	666989	96.251	ng		99

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

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