Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052822\
Data File : BF128561.D
Acq On : 28 May 2022 21:39
Operator : CG\JU
Sample : N2932-18MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 28 22:44:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 27 01:51:59 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
P016-SS005-0006-01MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.839	152	179388	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	674885	20.000	ng		0.00
39) Acenaphthene-d10	9.880	164	355535	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	567396	20.000	ng		0.00
76) Chrysene-d12	14.010	240	348108	20.000	ng		0.00
86) Perylene-d12	15.474	264	376504	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	1230809	113.649	ng		0.01
7) Phenol-d6	6.475	99	1572547	113.882	ng		0.00
23) Nitrobenzene-d5	7.410	82	1086678	92.888	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	401539	118.655	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1895188	86.602	ng		0.00
79) Terphenyl-d14	12.957	244	1550184	86.033	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	192861	39.937	ng		98
3) Pyridine	3.428	79	498187	39.847	ng		97
4) n-Nitrosodimethylamine	3.393	42	338251	51.629	ng		90
6) Aniline	6.498	93	689949	42.818	ng		95
8) 2-Chlorophenol	6.622	128	570930	50.841	ng		96
9) Benzaldehyde	6.392	77	375546	79.579	ng		97
10) Phenol	6.487	94	661741m	48.362	ng		
11) bis(2-Chloroethyl)ether	6.581	93	567321	50.648	ng		98
12) 1,3-Dichlorobenzene	6.781	146	611942	47.963	ng		98
13) 1,4-Dichlorobenzene	6.857	146	613170	47.514	ng		99
14) 1,2-Dichlorobenzene	7.010	146	593938	50.005	ng		99
15) Benzyl Alcohol	6.987	79	530279	50.351	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	917011	46.258	ng		97
17) 2-Methylphenol	7.092	107	460024	48.131	ng		97
18) Hexachloroethane	7.351	117	230556	50.648	ng		95
19) n-Nitroso-di-n-propyla...	7.263	70	401934	47.473	ng		97
20) 3+4-Methylphenols	7.245	107	536425	46.458	ng		90
22) Acetophenone	7.251	105	752926	48.384	ng	#	87
24) Nitrobenzene	7.428	77	628643	54.354	ng		99
25) Isophorone	7.669	82	1154692	53.504	ng		99
26) 2-Nitrophenol	7.739	139	293959	60.812	ng		95
27) 2,4-Dimethylphenol	7.775	122	534177m	55.596	ng		
28) bis(2-Chloroethoxy)met...	7.875	93	665921	47.545	ng		98
29) 2,4-Dichlorophenol	7.981	162	481812	48.454	ng		98
30) 1,2,4-Trichlorobenzene	8.063	180	510533	47.400	ng		99
31) Naphthalene	8.145	128	1586368	48.026	ng		100
32) Benzoic acid	7.910	122	382178	56.268	ng		99
33) 4-Chloroaniline	8.192	127	432815	32.909	ng		98
34) Hexachlorobutadiene	8.263	225	332476	48.890	ng		99
35) Caprolactam	8.581	113	152717m	49.806	ng		
36) 4-Chloro-3-methylphenol	8.675	107	518746	50.782	ng		97
37) 2-Methylnaphthalene	8.833	142	1005379	48.221	ng		100
38) 1-Methylnaphthalene	8.933	142	965092	47.593	ng		97
40) 1,2,4,5-Tetrachloroben...	9.004	216	489371	50.125	ng		98
41) Hexachlorocyclopentadiene	8.992	237	540410	98.470	ng		99
43) 2,4,6-Trichlorophenol	9.116	196	348554	48.413	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	370270	49.913	ng	#	94
46) 1,1'-Biphenyl	9.304	154	1238990	49.629	ng		99
47) 2-Chloronaphthalene	9.328	162	975950	49.800	ng		99
48) 2-Nitroaniline	9.422	65	338918	62.192	ng		97
49) Acenaphthylene	9.745	152	1524875	50.650	ng		100
50) Dimethylphthalate	9.610	163	1167620	50.629	ng		100
51) 2,6-Dinitrotoluene	9.669	165	254676	60.255	ng		93
52) Acenaphthene	9.916	154	1001059m	53.893	ng		
53) 3-Nitroaniline	9.839	138	203253	41.640	ng		93
54) 2,4-Dinitrophenol	9.939	184	235580	107.341	ng		97
55) Dibenzofuran	10.092	168	1289919	46.804	ng		97
56) 4-Nitrophenol	9.998	139	386850	97.667	ng	#	72
57) 2,4-Dinitrotoluene	10.069	165	328037	64.872	ng		93
58) Fluorene	10.433	166	941024	47.430	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	284513	47.327	ng		99
60) Diethylphthalate	10.310	149	1117901	49.900	ng		100
61) 4-Chlorophenyl-phenyle...	10.422	204	484929	48.173	ng		91
62) 4-Nitroaniline	10.457	138	227403	48.659	ng		94
63) Azobenzene	10.586	77	1075084	47.137	ng		98
65) 4,6-Dinitro-2-methylph...	10.475	198	149903	56.118	ng		97
66) n-Nitrosodiphenylamine	10.545	169	905719	53.317	ng		99
67) 4-Bromophenyl-phenylether	10.916	248	314361	53.625	ng		98
68) Hexachlorobenzene	10.975	284	346447	53.516	ng		98
69) Atrazine	11.075	200	287438	54.520	ng		98
70) Pentachlorophenol	11.169	266	366332	92.860	ng		99
71) Phenanthrene	11.392	178	1295872	48.212	ng		100
72) Anthracene	11.445	178	1322974	49.276	ng		100
73) Carbazole	11.598	167	1144866	44.495	ng		99
74) Di-n-butylphthalate	11.933	149	1545159	51.023	ng		100
75) Fluoranthene	12.580	202	1237178	43.053	ng		98
77) Benzidine	12.704	184	709052	88.308	ng		99
78) Pyrene	12.810	202	1227816	46.819	ng		99
80) Butylbenzylphthalate	13.433	149	544949	49.265	ng		96
81) Benzo(a)anthracene	13.998	228	1015980	49.103	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	384616	72.595	ng		99
83) Chrysene	14.039	228	1020051	48.139	ng		99
84) Bis(2-ethylhexyl)phtha...	13.992	149	728616	54.460	ng		98
85) Di-n-octyl phthalate	14.610	149	1255419	53.308	ng		100
87) Indeno(1,2,3-cd)pyrene	16.933	276	1060452	47.754	ng		97
88) Benzo(b)fluoranthene	15.051	252	1136027	48.504	ng		98
89) Benzo(k)fluoranthene	15.080	252	1037972	47.832	ng		97
90) Benzo(a)pyrene	15.415	252	1046316	55.682	ng		98
91) Dibenzo(a,h)anthracene	16.956	278	925048	50.241	ng		98
92) Benzo(g,h,i)perylene	17.380	276	875372	47.932	ng		97

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

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