Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
Data File : BF128518.D
Acq On : 27 May 2022 19:26
Operator : CG\JU
Sample : N2930-11MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 27 23:19:23 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 :
P005-SS003-2430-01MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/31/2022
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	239905	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	909730	20.000	ng		0.00
39) Acenaphthene-d10	9.880	164	489472	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	877833	20.000	ng		0.00
76) Chrysene-d12	14.010	240	536762	20.000	ng		0.00
86) Perylene-d12	15.468	264	458482	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	1268006	87.548	ng		0.02
7) Phenol-d6	6.469	99	1669768	90.420	ng		0.00
23) Nitrobenzene-d5	7.404	82	1089045	69.059	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	436213	93.629	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1898820	63.025	ng		0.00
79) Terphenyl-d14	12.957	244	1847812	66.508	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	283146	43.843	ng		98
3) Pyridine	3.516	79	717264	42.898	ng		99
4) n-Nitrosodimethylamine	3.457	42	439777	50.193	ng		98
6) Aniline	6.504	93	780607	36.224	ng		99
8) 2-Chlorophenol	6.622	128	740505	49.308	ng		97
9) Benzaldehyde	6.392	77	478780	73.159	ng		98
10) Phenol	6.481	94	858644m	46.922	ng		
11) bis(2-Chloroethyl)ether	6.581	93	689140	46.004	ng		97
12) 1,3-Dichlorobenzene	6.781	146	786923	46.119	ng		99
13) 1,4-Dichlorobenzene	6.857	146	794880	46.057	ng		99
14) 1,2-Dichlorobenzene	7.010	146	762107	47.978	ng		100
15) Benzyl Alcohol	6.981	79	664686	47.192	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	1195651	45.099	ng		98
17) 2-Methylphenol	7.092	107	603089	47.183	ng		98
18) Hexachloroethane	7.351	117	291208	47.834	ng		95
19) n-Nitroso-di-n-propyla...	7.263	70	501533	44.294	ng		97
20) 3+4-Methylphenols	7.245	107	680707	44.082	ng		92
22) Acetophenone	7.251	105	937029	44.670	ng	#	92
24) Nitrobenzene	7.422	77	782654	50.201	ng		99
25) Isophorone	7.663	82	1437314	49.407	ng		98
26) 2-Nitrophenol	7.739	139	373618	57.338	ng		98
27) 2,4-Dimethylphenol	7.775	122	697339	53.841	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	854140	45.240	ng		99
29) 2,4-Dichlorophenol	7.975	162	625788	46.688	ng		98
30) 1,2,4-Trichlorobenzene	8.063	180	651108	44.846	ng		99
31) Naphthalene	8.145	128	2043205	45.888	ng		99
32) Benzoic acid	7.904	122	500300	54.645	ng		97
33) 4-Chloroaniline	8.186	127	335629	18.932	ng		98
34) Hexachlorobutadiene	8.263	225	410521	44.783	ng		98
35) Caprolactam	8.575	113	158890m	38.443	ng		
36) 4-Chloro-3-methylphenol	8.675	107	647131	46.997	ng		98
37) 2-Methylnaphthalene	8.833	142	1302494	46.344	ng		100
38) 1-Methylnaphthalene	8.933	142	1246671	45.608	ng		99
40) 1,2,4,5-Tetrachloroben...	9.004	216	592145	44.055	ng		99
41) Hexachlorocyclopentadiene	8.992	237	784202	103.791	ng		100
43) 2,4,6-Trichlorophenol	9.116	196	461803	46.591	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	464593	45.491	ng		96
46) 1,1'-Biphenyl	9.304	154	1574437	45.809	ng		99
47) 2-Chloronaphthalene	9.328	162	1240940	45.994	ng		99
48) 2-Nitroaniline	9.422	65	428023	57.051	ng		99
49) Acenaphthylene	9.745	152	2020243	48.742	ng		99
50) Dimethylphthalate	9.610	163	1451397	45.713	ng		100
51) 2,6-Dinitrotoluene	9.669	165	329448	56.617	ng		96
52) Acenaphthene	9.916	154	1320786m	51.649	ng		
53) 3-Nitroaniline	9.833	138	205550	30.587	ng	#	92
54) 2,4-Dinitrophenol	9.939	184	331445	109.547	ng		98
55) Dibenzofuran	10.092	168	1695467	44.686	ng		98
56) 4-Nitrophenol	9.998	139	546319	100.186	ng		84
57) 2,4-Dinitrotoluene	10.075	165	423219	60.793	ng		95
58) Fluorene	10.433	166	1232691	45.129	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	371262	44.858	ng		99
60) Diethylphthalate	10.310	149	1383751	44.865	ng		99
61) 4-Chlorophenyl-phenyle...	10.422	204	604264	43.602	ng		92
62) 4-Nitroaniline	10.457	138	336557	52.309	ng		99
63) Azobenzene	10.586	77	1394458	44.410	ng		99
65) 4,6-Dinitro-2-methylph...	10.475	198	211037	51.561	ng		95
66) n-Nitrosodiphenylamine	10.545	169	1202976	45.773	ng		100
67) 4-Bromophenyl-phenylether	10.916	248	409387	45.138	ng		97
68) Hexachlorobenzene	10.974	284	460123	45.941	ng		98
69) Atrazine	11.074	200	390115	47.828	ng		99
70) Pentachlorophenol	11.169	266	524826	85.989	ng		98
71) Phenanthrene	11.392	178	1878283	45.168	ng		100
72) Anthracene	11.445	178	1909210	45.964	ng		99
73) Carbazole	11.598	167	1735646	43.601	ng		100
74) Di-n-butylphthalate	11.933	149	2047640	43.704	ng		99
75) Fluoranthene	12.580	202	1981216	44.564	ng		99
77) Benzidine	12.704	184	944435	76.283	ng		100
78) Pyrene	12.810	202	1995392	49.345	ng		100
80) Butylbenzylphthalate	13.433	149	811054	47.552	ng		98
81) Benzo(a)anthracene	13.998	228	1470729	46.099	ng		100
82) 3,3'-Dichlorobenzidine	13.963	252	372773	45.631	ng		96
83) Chrysene	14.039	228	1482287	45.367	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	936187	45.381	ng		99
85) Di-n-octyl phthalate	14.610	149	1594174	43.901	ng		100
87) Indeno(1,2,3-cd)pyrene	16.927	276	1335402	49.383	ng		99
88) Benzo(b)fluoranthene	15.045	252	1476379	51.765	ng		100
89) Benzo(k)fluoranthene	15.074	252	1214465	45.959	ng		100
90) Benzo(a)pyrene	15.409	252	1257114	54.938	ng		99
91) Dibenzo(a,h)anthracene	16.956	278	1155706	51.545	ng		98
92) Benzo(g,h,i)perylene	17.374	276	1167118	52.480	ng		99

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

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