Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083122\
Data File : BF130055.D
Acq On : 31 Aug 2022 16:43
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 31 17:11:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 15:58:13 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.710	152	239891	20.000	ng		0.00
21) Naphthalene-d8	7.992	136	876355	20.000	ng		0.00
39) Acenaphthene-d10	9.739	164	448990	20.000	ng		0.00
64) Phenanthrene-d10	11.221	188	741650	20.000	ng	#	0.00
76) Chrysene-d12	13.857	240	412167	20.000	ng		0.00
86) Perylene-d12	15.251	264	370726	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.304	112	1536333	106.036	ng		0.00
7) Phenol-d6	6.345	99	1933303	106.553	ng		0.00
23) Nitrobenzene-d5	7.281	82	1673585	102.230	ng		0.00
42) 2,4,6-Tribromophenol	10.533	330	496527	110.185	ng		0.00
45) 2-Fluorobiphenyl	9.075	172	2792482	94.462	ng		0.00
79) Terphenyl-d14	12.810	244	2806965	113.318	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.351	88	372728	62.355	ng		95
3) Pyridine	3.063	79	1009479	64.533	ng		93
4) n-Nitrosodimethylamine	3.028	42	399344	55.394	ng		83
6) Aniline	6.381	93	1233022	59.625	ng	#	51
8) 2-Chlorophenol	6.492	128	852865	52.876	ng		98
9) Benzaldehyde	6.257	77	508008	47.426	ng		95
10) Phenol	6.357	94	1079590	54.244	ng	#	68
11) bis(2-Chloroethyl)ether	6.457	93	822913	54.449	ng		97
12) 1,3-Dichlorobenzene	6.651	146	924564	53.096	ng		96
13) 1,4-Dichlorobenzene	6.728	146	934106	52.501	ng		97
14) 1,2-Dichlorobenzene	6.881	146	830290	50.246	ng		99
15) Benzyl Alcohol	6.857	79	647771	47.291	ng		95
16) 2,2'-oxybis(1-Chloropr...	6.992	45	1120267	55.317	ng	#	51
17) 2-Methylphenol	6.963	107	722825	55.812	ng	#	86
18) Hexachloroethane	7.222	117	349638	52.330	ng		94
19) n-Nitroso-di-n-propyla...	7.139	70	591175	51.547	ng		93
20) 3+4-Methylphenols	7.128	107	786478	45.240	ng	#	67
22) Acetophenone	7.128	105	1044231	48.896	ng	#	94
24) Nitrobenzene	7.298	77	872552	52.858	ng		99
25) Isophorone	7.539	82	1622642	57.588	ng		99
26) 2-Nitrophenol	7.610	139	422793	52.070	ng		95
27) 2,4-Dimethylphenol	7.651	122	667076	57.286	ng		97
28) bis(2-Chloroethoxy)met...	7.751	93	936931	56.951	ng		98
29) 2,4-Dichlorophenol	7.851	162	719420	56.500	ng		98
30) 1,2,4-Trichlorobenzene	7.933	180	730177	54.358	ng		98
31) Naphthalene	8.016	128	2378789	51.915	ng		99
32) Benzoic acid	7.798	122	582974	117.861	ng		99
33) 4-Chloroaniline	8.069	127	987560	54.807	ng		97
34) Hexachlorobutadiene	8.133	225	423834	51.818	ng		99
35) Caprolactam	8.463	113	237890m	60.079	ng		
36) 4-Chloro-3-methylphenol	8.551	107	727569	52.966	ng		91
37) 2-Methylnaphthalene	8.704	142	1549101	51.510	ng		99
38) 1-Methylnaphthalene	8.804	142	1496374	51.198	ng		100
40) 1,2,4,5-Tetrachloroben...	8.869	216	648444	51.926	ng		99
41) Hexachlorocyclopentadiene	8.857	237	377300	143.111	ng		99
43) 2,4,6-Trichlorophenol	8.980	196	489004	60.269	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.016	196	539607	61.816	ng		97
46) 1,1'-Biphenyl	9.169	154	1751567	51.351	ng		98
47) 2-Chloronaphthalene	9.192	162	1441135	53.398	ng		99
48) 2-Nitroaniline	9.292	65	430456	50.470	ng		90
49) Acenaphthylene	9.604	152	2155379	52.666	ng		100
50) Dimethylphthalate	9.480	163	1748774	54.333	ng		99
51) 2,6-Dinitrotoluene	9.539	165	380627	54.515	ng		88
52) Acenaphthene	9.780	154	1389621m	55.966	ng		
53) 3-Nitroaniline	9.710	138	441358	57.161	ng		95
54) 2,4-Dinitrophenol	9.804	184	156645	59.113	ng		93
55) Dibenzofuran	9.951	168	1946935	52.193	ng		98
56) 4-Nitrophenol	9.857	139	350505	102.038	ng		92
57) 2,4-Dinitrotoluene	9.939	165	454129	50.105	ng	#	90
58) Fluorene	10.292	166	1446922	46.455	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.063	232	418691	65.358	ng	#	78
60) Diethylphthalate	10.175	149	1697643	52.897	ng		100
61) 4-Chlorophenyl-phenyle...	10.286	204	647107	46.296	ng		98
62) 4-Nitroaniline	10.322	138	430034	55.206	ng		97
63) Azobenzene	10.445	77	1638928	53.426	ng		96
65) 4,6-Dinitro-2-methylph...	10.345	198	217670	49.994	ng		88
66) n-Nitrosodiphenylamine	10.410	169	1370835	54.763	ng		98
67) 4-Bromophenyl-phenylether	10.774	248	463586	53.368	ng		96
68) Hexachlorobenzene	10.833	284	509218	54.116	ng		93
69) Atrazine	10.939	200	397669	51.759	ng		98
70) Pentachlorophenol	11.022	266	314482	131.093	ng		96
71) Phenanthrene	11.251	178	2165234	52.274	ng		99
72) Anthracene	11.298	178	2152131	52.247	ng		99
73) Carbazole	11.457	167	2006604	53.664	ng		99
74) Di-n-butylphthalate	11.792	149	2524662	52.462	ng		99
75) Fluoranthene	12.433	202	2160431	50.971	ng		97
77) Benzidine	12.557	184	524604	48.087	ng		97
78) Pyrene	12.657	202	2196064	61.313	ng		98
80) Butylbenzylphthalate	13.286	149	989433	65.284	ng		96
81) Benzo(a)anthracene	13.845	228	1631683	57.548	ng		98
82) 3,3'-Dichlorobenzidine	13.815	252	517384	58.920	ng		100
83) Chrysene	13.880	228	1607597	60.571	ng		99
84) Bis(2-ethylhexyl)phtha...	13.845	149	1145733	63.720	ng		100
85) Di-n-octyl phthalate	14.457	149	1914652	77.136	ng		99
87) Indeno(1,2,3-cd)pyrene	16.609	276	1544385	60.681	ng	#	94
88) Benzo(b)fluoranthene	14.857	252	1389780	54.747	ng		98
89) Benzo(k)fluoranthene	14.886	252	1398769m	57.456	ng		
90) Benzo(a)pyrene	15.198	252	1164385	58.245	ng		98
91) Dibenzo(a,h)anthracene	16.627	278	1268130	60.388	ng	#	95
92) Benzo(g,h,i)perylene	17.021	276	1290901	61.616	ng	#	93

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

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