Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051123\
Data File : BF133354.D
Acq On : 11 May 2023 14:47
Operator : CG\JU
Sample : PB152724BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 11 15:31:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 09 04:59:36 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB152724BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/12/2023
Supervised By :Jagrut Upadhyay 05/15/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.722	152	227004	20.000	ng		0.00
21) Naphthalene-d8	8.004	136	917480	20.000	ng		0.00
39) Acenaphthene-d10	9.757	164	473552	20.000	ng		0.00
64) Phenanthrene-d10	11.239	188	825096	20.000	ng		0.00
76) Chrysene-d12	13.880	240	510841	20.000	ng		0.00
86) Perylene-d12	15.292	264	423824	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.345	112	1896827	126.225	ng		0.02
7) Phenol-d6	6.375	99	2240020	120.095	ng		0.00
23) Nitrobenzene-d5	7.292	82	1436053	84.485	ng		0.00
42) 2,4,6-Tribromophenol	10.551	330	557786	117.121	ng		0.00
45) 2-Fluorobiphenyl	9.086	172	2251167	79.531	ng		0.00
79) Terphenyl-d14	12.827	244	2537867	85.682	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.452	88	240083	34.444	ng		97
3) Pyridine	3.140	79	623813	33.696	ng		96
4) n-Nitrosodimethylamine	3.110	42	383871	40.032	ng		100
6) Aniline	6.387	93	777460	32.363	ng	#	18
8) 2-Chlorophenol	6.510	128	706839	46.327	ng		94
9) Benzaldehyde	6.269	77	365939	44.046	ng		98
10) Phenol	6.387	94	803566	39.052	ng		76
11) bis(2-Chloroethyl)ether	6.457	93	666653	43.175	ng		99
12) 1,3-Dichlorobenzene	6.663	146	737746	45.479	ng		98
13) 1,4-Dichlorobenzene	6.739	146	746518	45.918	ng		98
14) 1,2-Dichlorobenzene	6.892	146	727614	48.545	ng		98
15) Benzyl Alcohol	6.875	79	569811	44.226	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.004	45	1042452	38.870	ng		89
17) 2-Methylphenol	6.992	107	571807	40.928	ng		96
18) Hexachloroethane	7.234	117	259884	45.979	ng		99
19) n-Nitroso-di-n-propyla...	7.145	70	438746	37.784	ng		96
20) 3+4-Methylphenols	7.145	107	668166	40.610	ng	#	76
22) Acetophenone	7.134	105	949856	44.693	ng	#	94
24) Nitrobenzene	7.310	77	712275	41.353	ng		99
25) Isophorone	7.545	82	1315718	40.769	ng		98
26) 2-Nitrophenol	7.628	139	401223	48.295	ng		91
27) 2,4-Dimethylphenol	7.669	122	619198	43.466	ng		99
28) bis(2-Chloroethoxy)met...	7.763	93	786689	41.205	ng		98
29) 2,4-Dichlorophenol	7.869	162	565510	43.607	ng		99
30) 1,2,4-Trichlorobenzene	7.951	180	603706	44.935	ng		98
31) Naphthalene	8.028	128	1956683	42.656	ng		99
32) Benzoic acid	7.816	122	365953	41.589	ng		97
33) 4-Chloroaniline	8.081	127	471950	25.464	ng		99
34) Hexachlorobutadiene	8.145	225	324032	43.516	ng		98
35) Caprolactam	8.463	113	203879m	46.799	ng		
36) 4-Chloro-3-methylphenol	8.569	107	616226	44.065	ng		99
37) 2-Methylnaphthalene	8.722	142	1262607	40.260	ng		98
38) 1-Methylnaphthalene	8.822	142	1189325	40.539	ng		99
40) 1,2,4,5-Tetrachloroben...	8.886	216	536787	42.159	ng		99
41) Hexachlorocyclopentadiene	8.875	237	588528	79.256	ng		99
43) 2,4,6-Trichlorophenol	9.004	196	367318	41.715	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	401908	39.466	ng		100
46) 1,1'-Biphenyl	9.186	154	1547925	41.222	ng		99
47) 2-Chloronaphthalene	9.210	162	1170519	42.588	ng		99
48) 2-Nitroaniline	9.304	65	386387	42.537	ng		96
49) Acenaphthylene	9.622	152	1813613	41.297	ng		99
50) Dimethylphthalate	9.492	163	1372095	41.554	ng		99
51) 2,6-Dinitrotoluene	9.551	165	321799	43.300	ng		89
52) Acenaphthene	9.792	154	1345808m	45.756	ng		
53) 3-Nitroaniline	9.716	138	290709	32.898	ng		100
54) 2,4-Dinitrophenol	9.828	184	349124	93.458	ng		98
55) Dibenzofuran	9.969	168	1581834	39.426	ng		100
56) 4-Nitrophenol	9.892	139	547049	79.929	ng		90
57) 2,4-Dinitrotoluene	9.957	165	410697	43.333	ng		93
58) Fluorene	10.310	166	1182490	40.228	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	333342	42.222	ng		98
60) Diethylphthalate	10.186	149	1265278	40.568	ng		99
61) 4-Chlorophenyl-phenyle...	10.298	204	560939	39.159	ng		94
62) 4-Nitroaniline	10.339	138	372216	45.829	ng		97
63) Azobenzene	10.463	77	1271529	38.485	ng		96
65) 4,6-Dinitro-2-methylph...	10.363	198	242364	48.462	ng		78
66) n-Nitrosodiphenylamine	10.422	169	1099294	41.074	ng		99
67) 4-Bromophenyl-phenylether	10.786	248	361842	40.435	ng		93
68) Hexachlorobenzene	10.857	284	398297	43.437	ng		99
69) Atrazine	10.951	200	366519	47.526	ng		99
70) Pentachlorophenol	11.057	266	453322	69.416	ng		98
71) Phenanthrene	11.269	178	1812043	40.861	ng		99
72) Anthracene	11.322	178	1850862	40.783	ng		99
73) Carbazole	11.474	167	1734726	42.927	ng		99
74) Di-n-butylphthalate	11.804	149	1939228	42.405	ng		99
75) Fluoranthene	12.451	202	1836584	41.265	ng		99
77) Benzidine	12.574	184	666136	77.112	ng	#	93
78) Pyrene	12.680	202	1899209	43.370	ng		98
80) Butylbenzylphthalate	13.298	149	808403	52.138	ng		93
81) Benzo(a)anthracene	13.868	228	1414332	40.261	ng		99
82) 3,3'-Dichlorobenzidine	13.833	252	412299	42.486	ng		99
83) Chrysene	13.904	228	1447560	41.217	ng		99
84) Bis(2-ethylhexyl)phtha...	13.863	149	908380	46.675	ng		100
85) Di-n-octyl phthalate	14.474	149	1541394	48.573	ng		97
87) Indeno(1,2,3-cd)pyrene	16.674	276	1289643	53.494	ng		98
88) Benzo(b)fluoranthene	14.892	252	1249514	46.341	ng		99
89) Benzo(k)fluoranthene	14.921	252	1216323	45.507	ng		99
90) Benzo(a)pyrene	15.239	252	1077441	43.902	ng		98
91) Dibenzo(a,h)anthracene	16.692	278	1072810	53.354	ng		99
92) Benzo(g,h,i)perylene	17.092	276	1092904	55.055	ng		98

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

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