Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
Data File : BF131916.D
Acq On : 05 Jan 2023 15:41
Operator : CG\JU
Sample : PB150045BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 06 03:10:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 03:02:38 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB150045BS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
01/06/2023
Supervised By :Jagrut Upadhyay
01/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	73082	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	259038	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	151287	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	305828	20.000	ng	0.00
76) Chrysene-d12	14.010	240	190571	20.000	ng	0.00
86) Perylene-d12	15.480	264	147820	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	611133	138.582	ng	0.02
7) Phenol-d6	6.446	99	788868	136.157	ng	0.00
23) Nitrobenzene-d5	7.381	82	543249	83.731	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	236917	144.133	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	958530	86.784	ng	0.00
79) Terphenyl-d14	12.945	244	1220802	108.359	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	77765	38.027	ng	99
3) Pyridine	3.316	79	217730	37.872	ng	98
4) n-Nitrosodimethylamine	3.293	42	118767	43.936	ng	98
6) Aniline	6.469	93	260299	37.045	ng	98
8) 2-Chlorophenol	6.587	128	208476	44.871	ng	93
9) Benzaldehyde	6.351	77	116552	31.352	ng	95
10) Phenol	6.457	94	294865	42.736	ng	88
11) bis(2-Chloroethyl)ether	6.546	93	219134	44.414	ng	97
12) 1,3-Dichlorobenzene	6.740	146	233885	44.051	ng	97
13) 1,4-Dichlorobenzene	6.822	146	232986	43.542	ng	96
14) 1,2-Dichlorobenzene	6.975	146	222015	44.157	ng	98
15) Benzyl Alcohol	6.951	79	231903	45.643	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	274422	43.584	ng	95
17) 2-Methylphenol	7.069	107	185224	43.608	ng	97
18) Hexachloroethane	7.316	117	94149	43.574	ng	93
19) n-Nitroso-di-n-propyla...	7.228	70	176252	43.074	ng	99
20) 3+4-Methylphenols	7.222	107	240315	43.362	ng	96
22) Acetophenone	7.222	105	340763	44.871	ng	99
24) Nitrobenzene	7.398	77	280476	43.136	ng	99
25) Isophorone	7.640	82	484913	45.766	ng	99
26) 2-Nitrophenol	7.710	139	112021	44.311	ng	92
27) 2,4-Dimethylphenol	7.751	122	189574	52.570	ng	97
28) bis(2-Chloroethoxy)met...	7.845	93	267675	47.091	ng	98
29) 2,4-Dichlorophenol	7.957	162	190080	43.751	ng	99
30) 1,2,4-Trichlorobenzene	8.034	180	221560	43.012	ng	97
31) Naphthalene	8.116	128	599891	42.287	ng	99
32) Benzoic acid	7.898	122	109465	41.531	ng	93
33) 4-Chloroaniline	8.169	127	158416	29.103	ng	99
34) Hexachlorobutadiene	8.228	225	143934	40.842	ng	97
35) Caprolactam	8.551	113	57418m	44.637	ng	
36) 4-Chloro-3-methylphenol	8.663	107	223035	45.423	ng	99
37) 2-Methylnaphthalene	8.810	142	411041	43.172	ng	100
38) 1-Methylnaphthalene	8.910	142	376194	40.678	ng	98
40) 1,2,4,5-Tetrachloroben...	8.975	216	235632	44.358	ng	99
41) Hexachlorocyclopentadiene	8.957	237	210930	88.080	ng	98
43) 2,4,6-Trichlorophenol	9.092	196	141856	41.695	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	155810	42.366	ng	97
46) 1,1'-Biphenyl	9.281	154	515138	44.475	ng	99
47) 2-Chloronaphthalene	9.304	162	409373	42.721	ng	99
48) 2-Nitroaniline	9.410	65	151532	43.143	ng	95
49) Acenaphthylene	9.722	152	624458	43.765	ng	99
50) Dimethylphthalate	9.586	163	496219	43.355	ng	100
51) 2,6-Dinitrotoluene	9.651	165	108926	43.964	ng	96
52) Acenaphthene	9.892	154	366632	42.575	ng	99
53) 3-Nitroaniline	9.822	138	74650	29.570	ng	100
54) 2,4-Dinitrophenol	9.934	184	129125	90.562	ng	97
55) Dibenzofuran	10.069	168	581910	43.860	ng	99
56) 4-Nitrophenol	9.998	139	148960	84.230	ng	92
57) 2,4-Dinitrotoluene	10.063	165	152043	44.872	ng	93
58) Fluorene	10.410	166	463665	42.808	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	130881m	43.366	ng	
60) Diethylphthalate	10.286	149	478744	43.460	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	251238	44.620	ng	96
62) 4-Nitroaniline	10.445	138	106569	40.505	ng	96
63) Azobenzene	10.563	77	526919	43.100	ng	96
65) 4,6-Dinitro-2-methylph...	10.469	198	85219	40.926	ng	77
66) n-Nitrosodiphenylamine	10.528	169	397412	42.599	ng	98
67) 4-Bromophenyl-phenylether	10.892	248	152670	43.071	ng	93
68) Hexachlorobenzene	10.957	284	170499	43.788	ng	96
69) Atrazine	11.057	200	152023	49.498	ng	97
70) Pentachlorophenol	11.157	266	163398	84.806	ng	98
71) Phenanthrene	11.381	178	702964	41.799	ng	100
72) Anthracene	11.433	178	710908	43.211	ng	98
73) Carbazole	11.592	167	626690	43.148	ng	99
74) Di-n-butylphthalate	11.916	149	735358	41.888	ng	100
75) Fluoranthene	12.575	202	796755	40.673	ng	99
77) Benzidine	12.698	184	200213	63.929	ng	99
78) Pyrene	12.804	202	806728	50.506	ng	98
80) Butylbenzylphthalate	13.422	149	279224	47.130	ng	94
81) Benzo(a)anthracene	13.998	228	609706	44.189	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	132258	33.164	ng	98
83) Chrysene	14.039	228	564731	43.556	ng	100
84) Bis(2-ethylhexyl)phtha...	13.980	149	331883	46.008	ng	98
85) Di-n-octyl phthalate	14.598	149	437729	45.076	ng	100
87) Indeno(1,2,3-cd)pyrene	16.962	276	469207	49.963	ng	99
88) Benzo(b)fluoranthene	15.051	252	494629	45.635	ng	99
89) Benzo(k)fluoranthene	15.086	252	444519	42.446	ng	98
90) Benzo(a)pyrene	15.421	252	397457	47.365	ng	98
91) Dibenzo(a,h)anthracene	16.980	278	391260	50.863	ng	100
92) Benzo(g,h,i)perylene	17.410	276	386224	43.056	ng	97

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

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