Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
Data File : BF132586.D
Acq On : 01 Mar 2023 12:25
Operator : CG\JU
Sample : PB151108BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 02 03:14:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 24 23:17:30 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
03/02/2023
Supervised By :Jagrut Upadhyay
03/02/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.004	152	216321	20.000	ng		0.00
21) Naphthalene-d8	8.292	136	818814	20.000	ng		0.00
39) Acenaphthene-d10	10.051	164	455622	20.000	ng		0.00
64) Phenanthrene-d10	11.545	188	872594	20.000	ng		0.00
76) Chrysene-d12	14.204	240	522546	20.000	ng	#	0.00
86) Perylene-d12	15.751	264	420630	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.640	112	1509903	113.282	ng		0.00
7) Phenol-d6	6.634	99	1924501	110.634	ng		0.00
23) Nitrobenzene-d5	7.569	82	1240599	71.884	ng		0.00
42) 2,4,6-Tribromophenol	10.851	330	524514	106.597	ng		0.00
45) 2-Fluorobiphenyl	9.369	172	1894107	63.300	ng		0.00
79) Terphenyl-d14	13.139	244	2541310	82.226	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.963	88	253234	34.347	ng		95
3) Pyridine	3.716	79	572486	29.252	ng		93
4) n-Nitrosodimethylamine	3.675	42	271943	36.787	ng		86
6) Aniline	6.663	93	445776	19.042	ng		96
8) 2-Chlorophenol	6.792	128	595002	43.012	ng		94
9) Benzaldehyde	6.557	77	464994	49.539	ng		97
10) Phenol	6.645	94	761558	38.186	ng		95
11) bis(2-Chloroethyl)ether	6.734	93	644445	41.859	ng		95
12) 1,3-Dichlorobenzene	6.945	146	612767	41.277	ng		98
13) 1,4-Dichlorobenzene	7.022	146	617792	41.677	ng		99
14) 1,2-Dichlorobenzene	7.175	146	592812	41.671	ng		98
15) Benzyl Alcohol	7.145	79	531753	39.692	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.275	45	774683	39.459	ng		99
17) 2-Methylphenol	7.251	107	495419	38.373	ng		97
18) Hexachloroethane	7.516	117	240395	41.511	ng		98
19) n-Nitroso-di-n-propyla...	7.416	70	380084	35.503	ng		94
20) 3+4-Methylphenols	7.404	107	568988	34.113	ng	#	82
22) Acetophenone	7.410	105	750970	36.372	ng	#	93
24) Nitrobenzene	7.586	77	658898	35.698	ng		97
25) Isophorone	7.822	82	1204075	36.390	ng		99
26) 2-Nitrophenol	7.904	139	319958	39.288	ng		94
27) 2,4-Dimethylphenol	7.933	122	495360	38.540	ng		99
28) bis(2-Chloroethoxy)met...	8.033	93	726360	37.526	ng		98
29) 2,4-Dichlorophenol	8.145	162	489680	38.299	ng		99
30) 1,2,4-Trichlorobenzene	8.228	180	544530	39.221	ng		99
31) Naphthalene	8.316	128	1563450	37.298	ng		99
32) Benzoic acid	8.057	122	420457	42.030	ng		95
33) 4-Chloroaniline	8.357	127	190660	10.614	ng		94
34) Hexachlorobutadiene	8.422	225	337277	38.230	ng		99
35) Caprolactam	8.733	113	173894m	41.254	ng		
36) 4-Chloro-3-methylphenol	8.839	107	529407	37.703	ng		96
37) 2-Methylnaphthalene	9.004	142	1015064	35.533	ng		100
38) 1-Methylnaphthalene	9.104	142	938601	35.158	ng		99
40) 1,2,4,5-Tetrachloroben...	9.169	216	517598	34.722	ng		99
41) Hexachlorocyclopentadiene	9.157	237	586177	72.499	ng		99
43) 2,4,6-Trichlorophenol	9.280	196	353080	34.950	ng		99

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44) 2,4,5-Trichlorophenol	9.328	196	386872	32.811	ng	96
46) 1,1'-Biphenyl	9.469	154	1269522	36.813	ng	99
47) 2-Chloronaphthalene	9.498	162	1023432	37.431	ng	98
48) 2-Nitroaniline	9.592	65	340858	33.849	ng	92
49) Acenaphthylene	9.916	152	1566364	35.996	ng	99
50) Dimethylphthalate	9.769	163	1207345	36.393	ng	100
51) 2,6-Dinitrotoluene	9.833	165	279368	36.977	ng	92
52) Acenaphthene	10.086	154	1130192m	40.903	ng	
53) 3-Nitroaniline	10.004	138	204018	24.140	ng	96
54) 2,4-Dinitrophenol	10.116	184	366515	77.052	ng	90
55) Dibenzofuran	10.263	168	1429983	35.499	ng	98
56) 4-Nitrophenol	10.169	139	454727	72.146	ng	96
57) 2,4-Dinitrotoluene	10.239	165	383524	38.157	ng	96
58) Fluorene	10.604	166	1124075	36.482	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.374	232	334653	38.208	ng	98
60) Diethylphthalate	10.469	149	1253877	38.699	ng	99
61) 4-Chlorophenyl-phenyle...	10.592	204	579881	36.278	ng	95
62) 4-Nitroaniline	10.627	138	291992	35.196	ng	90
63) Azobenzene	10.751	77	1220186	35.559	ng	97
65) 4,6-Dinitro-2-methylph...	10.651	198	234833	39.755	ng	94
66) n-Nitrosodiphenylamine	10.710	169	1008430	37.070	ng	99
67) 4-Bromophenyl-phenylether	11.086	248	370445	37.531	ng	96
68) Hexachlorobenzene	11.157	284	414711	39.930	ng	99
69) Atrazine	11.233	200	264980	31.201	ng	99
70) Pentachlorophenol	11.351	266	439999	71.206	ng	99
71) Phenanthrene	11.574	178	1689226	37.368	ng	99
72) Anthracene	11.627	178	1707304	36.676	ng	99
73) Carbazole	11.780	167	1588170	37.841	ng	99
74) Di-n-butylphthalate	12.098	149	1883988	38.268	ng	99
75) Fluoranthene	12.768	202	1840708	37.248	ng	100
77) Benzidine	12.886	184	274636	21.590	ng	99
78) Pyrene	12.998	202	1882230	39.619	ng	100
80) Butylbenzylphthalate	13.610	149	757453	40.402	ng	95
81) Benzo(a)anthracene	14.192	228	1423480	36.408	ng	97
82) 3,3'-Dichlorobenzidine	14.151	252	345592	29.981	ng	99
83) Chrysene	14.233	228	1386546	37.924	ng	100
84) Bis(2-ethylhexyl)phtha...	14.162	149	928202	40.303	ng	98
85) Di-n-octyl phthalate	14.786	149	1375337	40.866	ng	99
87) Indeno(1,2,3-cd)pyrene	17.356	276	1279240	46.414	ng	99
88) Benzo(b)fluoranthene	15.292	252	1208995	42.890	ng	100
89) Benzo(k)fluoranthene	15.321	252	1180483	42.790	ng	98
90) Benzo(a)pyrene	15.686	252	1045074	39.613	ng	98
91) Dibenzo(a,h)anthracene	17.374	278	1083147	48.234	ng	99
92) Benzo(g,h,i)perylene	17.845	276	1102069	43.580	ng	99

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

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