Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030623\
Data File : BP013956.D
Acq On : 06 Mar 2023 14:03
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 07 03:13:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 03:05:44 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.087	152	150445	20.000	ng		0.00
21) Naphthalene-d8	10.910	136	557956	20.000	ng		0.00
39) Acenaphthene-d10	14.728	164	362100	20.000	ng		0.00
64) Phenanthrene-d10	17.481	188	784879	20.000	ng		0.00
76) Chrysene-d12	21.557	240	679891	20.000	ng		0.00
86) Perylene-d12	24.098	264	681362	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.628	112	904009	97.449	ng		0.00
7) Phenol-d6	7.246	99	1210721	99.405	ng		0.00
23) Nitrobenzene-d5	9.269	82	1241511	101.700	ng		0.00
42) 2,4,6-Tribromophenol	16.222	330	615910	104.909	ng		0.00
45) 2-Fluorobiphenyl	13.351	172	2714871	97.137	ng		0.00
79) Terphenyl-d14	20.016	244	4127307	100.100	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.475	88	195886	48.606	ng		97
3) Pyridine	3.893	79	563780m	52.863	ng		
4) n-Nitrosodimethylamine	3.799	42	252036	50.733	ng		94
6) Aniline	7.411	93	799686	49.983	ng		99
8) 2-Chlorophenol	7.652	128	489427	49.259	ng		100
9) Benzaldehyde	7.222	77	281846	46.240	ng		97
10) Phenol	7.269	94	628038	49.545	ng		98
11) bis(2-Chloroethyl)ether	7.505	93	496222	49.441	ng		98
12) 1,3-Dichlorobenzene	7.975	146	531611	48.690	ng		99
13) 1,4-Dichlorobenzene	8.122	146	546065	49.437	ng		99
14) 1,2-Dichlorobenzene	8.446	146	508855	48.098	ng		99
15) Benzyl Alcohol	8.334	79	512281	51.588	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.611	45	523066	48.045	ng		99
17) 2-Methylphenol	8.534	107	447010	49.445	ng		99
18) Hexachloroethane	9.181	117	204952	49.392	ng		92
19) n-Nitroso-di-n-propyla...	8.905	70	415127	51.782	ng		99
20) 3+4-Methylphenols	8.863	107	622555	51.132	ng		98
22) Acetophenone	8.922	105	786094	50.228	ng	#	99
24) Nitrobenzene	9.310	77	633776	50.740	ng		99
25) Isophorone	9.840	82	1131495	50.303	ng		99
26) 2-Nitrophenol	10.022	139	279182	51.385	ng		97
27) 2,4-Dimethylphenol	10.075	122	448189	50.734	ng		99
28) bis(2-Chloroethoxy)met...	10.316	93	613507	47.124	ng		98
29) 2,4-Dichlorophenol	10.557	162	479799	49.616	ng		99
30) 1,2,4-Trichlorobenzene	10.775	180	548966	50.002	ng		100
31) Naphthalene	10.963	128	1502422	49.004	ng		99
32) Benzoic acid	10.252	122	363231	49.662	ng		93
33) 4-Chloroaniline	11.075	127	643847	48.989	ng		99
34) Hexachlorobutadiene	11.246	225	396154	49.631	ng		99
35) Caprolactam	11.887	113	139730	50.480	ng		98
36) 4-Chloro-3-methylphenol	12.187	107	548872	50.892	ng		100
37) 2-Methylnaphthalene	12.563	142	1122075	49.609	ng		99
38) 1-Methylnaphthalene	12.781	142	1037646	49.215	ng		99
40) 1,2,4,5-Tetrachloroben...	12.928	216	676693	49.028	ng		99
41) Hexachlorocyclopentadiene	12.904	237	441839	51.009	ng		99
43) 2,4,6-Trichlorophenol	13.163	196	443699	50.857	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.240	196	515509	50.992	ng	97
46) 1,1'-Biphenyl	13.563	154	1416378	48.596	ng	100
47) 2-Chloronaphthalene	13.610	162	1092751	48.703	ng	99
48) 2-Nitroaniline	13.816	65	362857	53.288	ng	96
49) Acenaphthylene	14.451	152	1801726	50.495	ng	100
50) Dimethylphthalate	14.181	163	1491099	49.915	ng	100
51) 2,6-Dinitrotoluene	14.304	165	327211	52.014	ng	99
52) Acenaphthene	14.793	154	1064577	49.563	ng	100
53) 3-Nitroaniline	14.640	138	323876	52.533	ng	100
54) 2,4-Dinitrophenol	14.840	184	227359	49.946	ng	98
55) Dibenzofuran	15.128	168	1750602	49.993	ng	99
56) 4-Nitrophenol	14.940	139	259753	51.740	ng	95
57) 2,4-Dinitrotoluene	15.092	165	449333	53.434	ng	94
58) Fluorene	15.775	166	1378834	49.590	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.351	232	448680	50.874	ng	99
60) Diethylphthalate	15.540	149	1465650	49.692	ng	100
61) 4-Chlorophenyl-phenyle...	15.763	204	784688	49.784	ng	99
62) 4-Nitroaniline	15.804	138	326168	53.196	ng	100
63) Azobenzene	16.057	77	1373898	50.340	ng	99
65) 4,6-Dinitro-2-methylph...	15.857	198	297591	51.189	ng	95
66) n-Nitrosodiphenylamine	15.981	169	1230100	49.598	ng	99
67) 4-Bromophenyl-phenylether	16.663	248	525177	50.586	ng	100
68) Hexachlorobenzene	16.781	284	563736	50.658	ng	100
69) Atrazine	16.934	200	444124	51.004	ng	98
70) Pentachlorophenol	17.128	266	430285	53.613	ng	99
71) Phenanthrene	17.528	178	2165962	49.398	ng	99
72) Anthracene	17.616	178	2216221	49.467	ng	99
73) Carbazole	17.881	167	1905370	49.302	ng	99
74) Di-n-butylphthalate	18.410	149	2420721	50.098	ng	99
75) Fluoranthene	19.475	202	2592875	49.474	ng	100
77) Benzidine	19.651	184	692553	49.358	ng	99
78) Pyrene	19.828	202	2650592	50.793	ng	99
80) Butylbenzylphthalate	20.680	149	1011446	51.125	ng	100
81) Benzo(a)anthracene	21.539	228	2485855	49.831	ng	99
82) 3,3'-Dichlorobenzidine	21.463	252	793471	49.709	ng	98
83) Chrysene	21.598	228	2342797	49.591	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1450814	49.988	ng	99
85) Di-n-octyl phthalate	22.404	149	2331116	49.479	ng	100
87) Indeno(1,2,3-cd)pyrene	26.786	276	2696806	51.224	ng	100
88) Benzo(b)fluoranthene	23.316	252	2264430	50.754	ng	100
89) Benzo(k)fluoranthene	23.369	252	2202947	49.628	ng	99
90) Benzo(a)pyrene	23.986	252	2144101	50.383	ng	100
91) Dibenzo(a,h)anthracene	26.798	278	2241168	51.205	ng	100
92) Benzo(g,h,i)perylene	27.609	276	2222098	51.230	ng	99

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

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