Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
Data File : BP013676.D
Acq On : 31 Jan 2023 15:56
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

Quant Time: Feb 01 03:05:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 02:57:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.146	152	298528	20.000	ng		0.00
21) Naphthalene-d8	10.975	136	1082866	20.000	ng		0.00
39) Acenaphthene-d10	14.781	164	726943	20.000	ng		0.00
64) Phenanthrene-d10	17.533	188	1683272	20.000	ng		0.00
76) Chrysene-d12	21.616	240	1694902	20.000	ng		0.00
86) Perylene-d12	24.186	264	1996328	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.675	112	2532413	145.013	ng		0.00
7) Phenol-d6	7.299	99	3467185	149.027	ng		0.01
23) Nitrobenzene-d5	9.322	82	3089195	165.946	ng		0.00
42) 2,4,6-Tribromophenol	16.269	330	1808965	165.909	ng		0.00
45) 2-Fluorobiphenyl	13.410	172	7654440	147.338	ng		0.00
79) Terphenyl-d14	20.063	244	12030071	140.945	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.516	88	516640	69.928	ng		100
3) Pyridine	3.934	79	1573226m	75.212	ng		
4) n-Nitrosodimethylamine	3.840	42	578641	75.863	ng		99
6) Aniline	7.463	93	2312593	76.247	ng		99
8) 2-Chlorophenol	7.704	128	1362776	74.124	ng		99
10) Phenol	7.322	94	1824845	75.082	ng		97
11) bis(2-Chloroethyl)ether	7.557	93	1445268	74.440	ng		98
12) 1,3-Dichlorobenzene	8.028	146	1507834	72.807	ng		98
13) 1,4-Dichlorobenzene	8.181	146	1526926	72.868	ng		99
14) 1,2-Dichlorobenzene	8.504	146	1439059	71.768	ng		100
15) Benzyl Alcohol	8.387	79	1309917	79.512	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.675	45	1660395	72.947	ng		99
17) 2-Methylphenol	8.587	107	1283256	75.346	ng		100
18) Hexachloroethane	9.240	117	524123	75.854	ng		98
19) n-Nitroso-di-n-propyla...	8.963	70	1125296	77.091	ng		98
20) 3+4-Methylphenols	8.922	107	1786595	76.894	ng		97
22) Acetophenone	8.975	105	2130147	75.435	ng	#	99
24) Nitrobenzene	9.363	77	1621379	80.299	ng		100
25) Isophorone	9.898	82	3186675	77.233	ng		99
26) 2-Nitrophenol	10.075	139	763965	90.393	ng		97
27) 2,4-Dimethylphenol	10.134	122	1300585	75.165	ng		99
28) bis(2-Chloroethoxy)met...	10.369	93	1867152	75.502	ng		100
29) 2,4-Dichlorophenol	10.616	162	1420568	78.381	ng		99
30) 1,2,4-Trichlorobenzene	10.834	180	1528345	75.999	ng		99
31) Naphthalene	11.028	128	4283821	75.238	ng		99
32) Benzoic acid	10.310	122	1094188	88.393	ng		98
33) 4-Chloroaniline	11.134	127	1935287	77.356	ng		99
34) Hexachlorobutadiene	11.304	225	989291	77.498	ng		99
35) Caprolactam	11.945	113	491554	82.907	ng		98
36) 4-Chloro-3-methylphenol	12.240	107	1537612	80.653	ng		99
37) 2-Methylnaphthalene	12.616	142	3288778	76.820	ng		99
38) 1-Methylnaphthalene	12.834	142	3075842	76.484	ng		99
40) 1,2,4,5-Tetrachloroben...	12.981	216	1981227	79.830	ng		100
41) Hexachlorocyclopentadiene	12.963	237	1037220	91.566	ng		99
43) 2,4,6-Trichlorophenol	13.216	196	1342762	82.165	ng		100
44) 2,4,5-Trichlorophenol	13.287	196	1579009	82.524	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.616	154	4156782	75.563	ng	98
47) 2-Chloronaphthalene	13.663	162	3243548	76.280	ng	99
48) 2-Nitroaniline	13.863	65	898371	98.874	ng	98
49) Acenaphthylene	14.504	152	5277528	76.963	ng	99
50) Dimethylphthalate	14.234	163	4351297	77.388	ng	100
51) 2,6-Dinitrotoluene	14.351	165	943951	93.932	ng	99
52) Acenaphthene	14.845	154	3433737m	80.281	ng	
53) 3-Nitroaniline	14.686	138	989602	90.296	ng	98
54) 2,4-Dinitrophenol	14.886	184	611345	99.955	ng	100
55) Dibenzofuran	15.181	168	5202038	75.293	ng	99
56) 4-Nitrophenol	14.981	139	832374	85.383	ng	96
57) 2,4-Dinitrotoluene	15.139	165	1282272	97.231	ng	99
58) Fluorene	15.828	166	4025550	74.212	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.398	232	1353061	81.322	ng	98
60) Diethylphthalate	15.592	149	4143690	76.873	ng	99
61) 4-Chlorophenyl-phenyle...	15.816	204	2255594	76.359	ng	100
62) 4-Nitroaniline	15.851	138	999962	91.876	ng	95
63) Azobenzene	16.110	77	3812417	76.566	ng	99
65) 4,6-Dinitro-2-methylph...	15.904	198	832391	94.885	ng	95
66) n-Nitrosodiphenylamine	16.033	169	3655262	74.632	ng	100
67) 4-Bromophenyl-phenylether	16.716	248	1536530	79.631	ng	97
68) Hexachlorobenzene	16.833	284	1686140	78.914	ng	99
69) Atrazine	16.980	200	1196714	75.090	ng	99
70) Pentachlorophenol	17.175	266	1333345	84.597	ng	99
71) Phenanthrene	17.580	178	6722307	74.507	ng	99
72) Anthracene	17.669	178	6847662	75.178	ng	99
73) Carbazole	17.933	167	6173023	74.635	ng	100
74) Di-n-butylphthalate	18.463	149	6998638	77.325	ng	99
75) Fluoranthene	19.527	202	8497632	75.653	ng	99
77) Benzidine	19.698	184	2810789	76.778	ng	99
78) Pyrene	19.880	202	8707429	76.361	ng	98
80) Butylbenzylphthalate	20.733	149	2731280	87.739	ng	99
81) Benzo(a)anthracene	21.598	228	8991728	76.379	ng	99
82) 3,3'-Dichlorobenzidine	21.521	252	3003674	80.701	ng	98
83) Chrysene	21.657	228	8452800	75.362	ng	98
84) Bis(2-ethylhexyl)phtha...	21.492	149	4389795	82.821	ng	99
85) Di-n-octyl phthalate	22.474	149	7998084	82.636	ng	99
87) Indeno(1,2,3-cd)pyrene	26.933	276	11789503	77.653	ng	98
88) Benzo(b)fluoranthene	23.398	252	9303797	77.542	ng	99
89) Benzo(k)fluoranthene	23.451	252	9376557	78.022	ng	99
90) Benzo(a)pyrene	24.080	252	9323981	78.287	ng	99
91) Dibenzo(a,h)anthracene	26.945	278	9706093	77.019	ng	98
92) Benzo(g,h,i)perylene	27.774	276	9749115	77.890	ng	99

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

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