Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121322\
Data File : BP013092.D
Acq On : 12 Dec 2022 19:40
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 12/13/2022
Supervised By :Jagrut Upadhyay 12/13/2022

Quant Time: Dec 13 02:26:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 02:17:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.963	152	605864	20.000	ng		0.00
21) Naphthalene-d8	10.781	136	2085415	20.000	ng		0.00
39) Acenaphthene-d10	14.604	164	1096943	20.000	ng		0.00
64) Phenanthrene-d10	17.363	188	1917328	20.000	ng		0.00
76) Chrysene-d12	21.451	240	1823753	20.000	ng		0.00
86) Perylene-d12	23.927	264	2060668	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	5124540	183.242	ng		0.00
7) Phenol-d6	7.128	99	6684809	166.676	ng		0.00
23) Nitrobenzene-d5	9.140	82	6209272	166.056	ng		0.00
42) 2,4,6-Tribromophenol	16.098	330	2147200	173.673	ng		0.00
45) 2-Fluorobiphenyl	13.234	172	12414096	161.229	ng		0.00
79) Terphenyl-d14	19.910	244	12434067	144.904	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	1104785	93.742	ng		99
3) Pyridine	3.793	79	3296112m	88.025	ng		
4) n-Nitrosodimethylamine	3.699	42	1459104	89.101	ng		98
6) Aniline	7.293	93	4075163	80.375	ng		99
8) 2-Chlorophenol	7.528	128	3028122	83.948	ng		98
9) Benzaldehyde	7.099	77	1662971	59.321	ng		99
10) Phenol	7.157	94	3759141	82.252	ng		99
11) bis(2-Chloroethyl)ether	7.387	93	2961705	74.219	ng		100
12) 1,3-Dichlorobenzene	7.852	146	3441756	76.782	ng		100
13) 1,4-Dichlorobenzene	7.999	146	3508154	76.202	ng		99
14) 1,2-Dichlorobenzene	8.322	146	3290524	73.562	ng		99
15) Benzyl Alcohol	8.210	79	2474124	86.766	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.499	45	4165849	70.450	ng		100
17) 2-Methylphenol	8.410	107	2471786	79.187	ng		98
18) Hexachloroethane	9.051	117	1223042	72.723	ng		99
19) n-Nitroso-di-n-propyla...	8.787	70	2058910	72.726	ng		97
20) 3+4-Methylphenols	8.746	107	3398028	80.845	ng		99
22) Acetophenone	8.799	105	4133409	81.193	ng	#	98
24) Nitrobenzene	9.181	77	3242881	84.752	ng		97
25) Isophorone	9.710	82	5225760	76.218	ng		99
26) 2-Nitrophenol	9.893	139	1664282	166.219	ng		95
27) 2,4-Dimethylphenol	9.951	122	2273980	96.723	ng		99
28) bis(2-Chloroethoxy)met...	10.187	93	3300819	81.401	ng		100
29) 2,4-Dichlorophenol	10.422	162	2824256	100.078	ng		99
30) 1,2,4-Trichlorobenzene	10.640	180	3238193	86.448	ng		99
31) Naphthalene	10.834	128	8999233	79.511	ng		100
32) Benzoic acid	10.128	122	1950390	160.493	ng		99
33) 4-Chloroaniline	10.940	127	3419218	82.903	ng		99
34) Hexachlorobutadiene	11.110	225	2094653	89.112	ng		99
35) Caprolactam	11.757	113	657446	78.404	ng		99
36) 4-Chloro-3-methylphenol	12.063	107	2480939	79.154	ng		99
37) 2-Methylnaphthalene	12.434	142	5956110	73.869	ng		100
38) 1-Methylnaphthalene	12.651	142	5746372	72.582	ng		100
40) 1,2,4,5-Tetrachloroben...	12.798	216	3335716	95.531	ng		100
41) Hexachlorocyclopentadiene	12.775	237	1845410	111.123	ng		98
43) 2,4,6-Trichlorophenol	13.040	196	2122654	104.891	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	2257145	99.881	ng	97
46) 1,1'-Biphenyl	13.439	154	7020422	84.602	ng	99
47) 2-Chloronaphthalene	13.487	162	5659108	86.118	ng	100
48) 2-Nitroaniline	13.692	65	1493380	103.422	ng	96
49) Acenaphthylene	14.328	152	8285072	79.393	ng	100
50) Dimethylphthalate	14.063	163	6191976	76.715	ng	99
51) 2,6-Dinitrotoluene	14.187	165	1378871	81.286	ng	95
52) Acenaphthene	14.669	154	4983415	75.353	ng	100
53) 3-Nitroaniline	14.516	138	1432819	83.182	ng	97
54) 2,4-Dinitrophenol	14.722	184	852718	129.097	ng	96
55) Dibenzofuran	15.004	168	7793139	75.760	ng	100
56) 4-Nitrophenol	14.816	139	1109279	76.220	ng	98
57) 2,4-Dinitrotoluene	14.969	165	1756049	78.502	ng	99
58) Fluorene	15.657	166	5834097	68.983	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.228	232	1802391	81.514	ng	99
60) Diethylphthalate	15.422	149	5623873	73.676	ng	100
61) 4-Chlorophenyl-phenyle...	15.645	204	3040393	72.412	ng	99
62) 4-Nitroaniline	15.681	138	1354892	82.049	ng	99
63) Azobenzene	15.939	77	5326714	66.209	ng	98
65) 4,6-Dinitro-2-methylph...	15.733	198	1090894	140.348	ng	96
66) n-Nitrosodiphenylamine	15.863	169	4988068	93.083	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	1940897	98.970	ng	96
68) Hexachlorobenzene	16.663	284	2211463	91.263	ng	100
69) Atrazine	16.816	200	1263931	87.861	ng	98
70) Pentachlorophenol	17.004	266	1324156	94.502	ng	99
71) Phenanthrene	17.404	178	8698006	80.198	ng	100
72) Anthracene	17.498	178	8384197	81.356	ng	99
73) Carbazole	17.763	167	7400518	79.485	ng	99
74) Di-n-butylphthalate	18.304	149	8408777	103.176	ng	99
75) Fluoranthene	19.363	202	9571291	74.804	ng	98
77) Benzidine	19.539	184	2274981	211.695	ng	99
78) Pyrene	19.722	202	9893074	82.164	ng	99
80) Butylbenzylphthalate	20.580	149	3757457	311.798	ng	100
81) Benzo(a)anthracene	21.433	228	10048870	81.529	ng	99
82) 3,3'-Dichlorobenzidine	21.363	252	3234799	124.182	ng	98
83) Chrysene	21.486	228	9711907	82.319	ng	99
84) Bis(2-ethylhexyl)phtha...	21.339	149	5272259	232.571	ng	99
85) Di-n-octyl phthalate	22.292	149	9406722	177.497	ng	99
87) Indeno(1,2,3-cd)pyrene	26.551	276	14380451	99.639	ng	100
88) Benzo(b)fluoranthene	23.174	252	10669176	77.376	ng	99
89) Benzo(k)fluoranthene	23.227	252	10818118	76.544	ng	99
90) Benzo(a)pyrene	23.821	252	9375866	85.293	ng	99
91) Dibenzo(a,h)anthracene	26.562	278	11866940	96.459	ng	100
92) Benzo(g,h,i)perylene	27.356	276	12016589	108.231	ng	100

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

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