Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111222\
Data File : BP012622.D
Acq On : 12 Nov 2022 14:26
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 13 22:09:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 13 22:02:28 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/14/2022
Supervised By :Jagrut Upadhyay 11/14/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	264878	20.000	ng		0.00
21) Naphthalene-d8	10.516	136	1071466	20.000	ng		0.00
39) Acenaphthene-d10	14.375	164	718359	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	1567378	20.000	ng		0.00
76) Chrysene-d12	21.245	240	1523354	20.000	ng		0.00
86) Perylene-d12	23.586	264	1705643	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.299	112	2171692	143.857	ng		0.00
7) Phenol-d6	6.910	99	3027509	135.633	ng		0.00
23) Nitrobenzene-d5	8.893	82	3119844	152.403	ng		0.00
42) 2,4,6-Tribromophenol	15.880	330	1746640	361.096	ng		0.00
45) 2-Fluorobiphenyl	12.998	172	6609208	145.495	ng		0.00
79) Terphenyl-d14	19.716	244	10074854	152.069	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.193	88	440440	69.391	ng		100
3) Pyridine	3.599	79	1407928m	71.874	ng		
4) n-Nitrosodimethylamine	3.516	42	514611	59.406	ng		98
6) Aniline	7.057	93	1951804	70.292	ng		99
8) 2-Chlorophenol	7.287	128	1370364	74.612	ng		99
10) Phenol	6.940	94	1711793	68.081	ng		99
11) bis(2-Chloroethyl)ether	7.157	93	1366626	68.665	ng		99
12) 1,3-Dichlorobenzene	7.599	146	1466779	76.000	ng		99
13) 1,4-Dichlorobenzene	7.751	146	1510550	76.380	ng		100
14) 1,2-Dichlorobenzene	8.063	146	1424513	73.626	ng		99
15) Benzyl Alcohol	7.975	79	1222359	74.118	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.257	45	1720614	52.338	ng		100
17) 2-Methylphenol	8.175	107	1188718	72.130	ng		98
18) Hexachloroethane	8.781	117	554435	73.225	ng		98
19) n-Nitroso-di-n-propyla...	8.546	70	1037488	63.223	ng		99
20) 3+4-Methylphenols	8.516	107	1665757	71.989	ng		99
22) Acetophenone	8.557	105	2043869	75.939	ng	#	99
24) Nitrobenzene	8.934	77	1616537	76.428	ng		99
25) Isophorone	9.463	82	2996954	78.037	ng		99
26) 2-Nitrophenol	9.640	139	853764	112.207	ng		99
27) 2,4-Dimethylphenol	9.710	122	1167440	86.072	ng		99
28) bis(2-Chloroethoxy)met...	9.945	93	1703204	76.101	ng		98
29) 2,4-Dichlorophenol	10.175	162	1416926	97.635	ng		99
30) 1,2,4-Trichlorobenzene	10.375	180	1482654	98.114	ng		99
31) Naphthalene	10.563	128	4483876	78.935	ng		99
32) Benzoic acid	9.945	122	1237991	120.907	ng		98
33) 4-Chloroaniline	10.698	127	1977887	83.515	ng		100
34) Hexachlorobutadiene	10.840	225	966116	126.758	ng		100
35) Caprolactam	11.557	113	507548m	86.053	ng		
36) 4-Chloro-3-methylphenol	11.839	107	1592513	90.415	ng		98
37) 2-Methylnaphthalene	12.181	142	3202140	81.628	ng		99
38) 1-Methylnaphthalene	12.404	142	3135910	81.177	ng		100
40) 1,2,4,5-Tetrachloroben...	12.551	216	1712063	105.752	ng		99
41) Hexachlorocyclopentadiene	12.522	237	883212	111.239	ng		98
43) 2,4,6-Trichlorophenol	12.804	196	1241009	105.897	ng		99
44) 2,4,5-Trichlorophenol	12.886	196	1381008	102.527	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.204	154	3971749	76.098	ng		99
47)	2-Chloronaphthalene	13.251	162	3198483	79.007	ng		100
48)	2-Nitroaniline	13.475	65	1083318	75.053	ng		99
49)	Acenaphthylene	14.098	152	4977285	74.070	ng		99
50)	Dimethylphthalate	13.857	163	4376390	83.089	ng		100
51)	2,6-Dinitrotoluene	13.975	165	995385	91.532	ng		96
52)	Acenaphthene	14.445	154	3014745	73.152	ng		99
53)	3-Nitroaniline	14.316	138	1103427	82.846	ng		99
54)	2,4-Dinitrophenol	14.522	184	693401	144.338	ng		97
55)	Dibenzofuran	14.780	168	4576232	72.447	ng		99
56)	4-Nitrophenol	14.639	139	912568	82.505	ng		97
57)	2,4-Dinitrotoluene	14.769	165	1266856	86.421	ng		99
58)	Fluorene	15.433	166	3556929	66.373	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.010	232	1270143	115.492	ng		99
60)	Diethylphthalate	15.216	149	4416105	80.299	ng		100
61)	4-Chlorophenyl-phenyle...	15.428	204	1812936	80.914	ng		97
62)	4-Nitroaniline	15.492	138	1110581	78.757	ng		97
63)	Azobenzene	15.722	77	3918808	65.076	ng		99
65)	4,6-Dinitro-2-methylph...	15.539	198	906568	125.633	ng		98
66)	n-Nitrosodiphenylamine	15.651	169	3424729	73.331	ng		99
67)	4-Bromophenyl-phenylether	16.327	248	1417665	110.292	ng		100
68)	Hexachlorobenzene	16.433	284	1690214	123.758	ng		98
69)	Atrazine	16.622	200	1272993	94.128	ng		99
70)	Pentachlorophenol	16.792	266	1141377	130.442	ng		99
71)	Phenanthrene	17.186	178	6328025	71.582	ng		100
72)	Anthracene	17.274	178	6210697	73.454	ng		100
73)	Carbazole	17.557	167	5880360	71.011	ng		100
74)	Di-n-butylphthalate	18.104	149	7428123	74.470	ng		99
75)	Fluoranthene	19.163	202	7546935	78.528	ng		98
77)	Benzidine	19.351	184	2675046	90.479	ng		99
78)	Pyrene	19.516	202	7716167	75.804	ng		99
80)	Butylbenzylphthalate	20.392	149	3566534	79.806	ng		96
81)	Benzo(a)anthracene	21.227	228	7671162	76.322	ng		98
82)	3,3'-Dichlorobenzidine	21.168	252	2728378	93.078	ng		99
83)	Chrysene	21.280	228	7110545	74.662	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.151	149	4778473	71.760	ng	#	98
85)	Di-n-octyl phthalate	22.057	149	8658855	74.553	ng		98
87)	Indeno(1,2,3-cd)pyrene	26.033	276	9226457	69.131	ng		97
88)	Benzo(b)fluoranthene	22.880	252	8467566	79.959	ng		98
89)	Benzo(k)fluoranthene	22.933	252	7854259m	72.383	ng		
90)	Benzo(a)pyrene	23.492	252	7081260	79.035	ng		98
91)	Dibenzo(a,h)anthracene	26.056	278	7569879	68.315	ng		97
92)	Benzo(g,h,i)perylene	26.786	276	7604789	70.897	ng		98

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

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