Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013023\
Data File : BP013642.D
Acq On : 30 Jan 2023 12:58
Operator : CG/JU
Sample : PB150519BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 31 04:21:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 31 04:17:33 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB150519BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.152	152	191622	20.000	ng		0.00
21) Naphthalene-d8	10.981	136	652845	20.000	ng		0.00
39) Acenaphthene-d10	14.787	164	358164	20.000	ng		0.00
64) Phenanthrene-d10	17.539	188	717375	20.000	ng		0.00
76) Chrysene-d12	21.616	240	633605	20.000	ng		0.00
86) Perylene-d12	24.198	264	735741	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.681	112	1498900	140.170	ng		0.00
7) Phenol-d6	7.299	99	1827658	126.521	ng		0.00
23) Nitrobenzene-d5	9.322	82	1083740	91.214	ng		0.00
42) 2,4,6-Tribromophenol	16.275	330	700940	128.542	ng		0.00
45) 2-Fluorobiphenyl	13.410	172	2505402	99.905	ng		0.00
79) Terphenyl-d14	20.069	244	3289704	91.621	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.528	88	181804	38.561	ng		98
3) Pyridine	3.940	79	482772	36.023	ng		99
4) n-Nitrosodimethylamine	3.846	42	222254	42.433	ng		94
6) Aniline	7.469	93	670078	35.001	ng		99
8) 2-Chlorophenol	7.711	128	529930	46.684	ng		100
9) Benzaldehyde	7.275	77	244153m	24.808	ng		
10) Phenol	7.328	94	660055	43.620	ng		99
11) bis(2-Chloroethyl)ether	7.564	93	543477	43.371	ng		99
12) 1,3-Dichlorobenzene	8.040	146	630965	48.153	ng		99
13) 1,4-Dichlorobenzene	8.187	146	642729	48.372	ng		100
14) 1,2-Dichlorobenzene	8.511	146	607689	48.577	ng		97
15) Benzyl Alcohol	8.387	79	460520m	41.055	ng		
16) 2,2'-oxybis(1-Chloropr...	8.681	45	607763	43.040	ng		98
17) 2-Methylphenol	8.593	107	431896	39.554	ng		98
18) Hexachloroethane	9.246	117	218621	45.927	ng		96
19) n-Nitroso-di-n-propyla...	8.963	70	376604	40.116	ng		98
20) 3+4-Methylphenols	8.922	107	563224	37.640	ng		97
22) Acetophenone	8.981	105	764637	46.402	ng	#	98
24) Nitrobenzene	9.369	77	567016	45.600	ng		97
25) Isophorone	9.899	82	1039623	39.946	ng		99
26) 2-Nitrophenol	10.081	139	254738	47.690	ng		96
27) 2,4-Dimethylphenol	10.134	122	434990	43.992	ng		98
28) bis(2-Chloroethoxy)met...	10.375	93	639702	43.201	ng		99
29) 2,4-Dichlorophenol	10.622	162	493071	44.311	ng		99
30) 1,2,4-Trichlorobenzene	10.840	180	596011	48.311	ng		96
31) Naphthalene	11.034	128	1504080	45.339	ng		99
32) Benzoic acid	10.257	122	296004	41.065	ng		98
33) 4-Chloroaniline	11.134	127	220601	15.317	ng		99
34) Hexachlorobutadiene	11.316	225	401338	48.384	ng		99
35) Caprolactam	11.922	113	121559	38.100	ng		98
36) 4-Chloro-3-methylphenol	12.246	107	449190	38.079	ng		99
37) 2-Methylnaphthalene	12.628	142	1015979	40.073	ng		99
38) 1-Methylnaphthalene	12.846	142	940151	39.619	ng		99
40) 1,2,4,5-Tetrachloroben...	12.987	216	651195	52.188	ng		99
41) Hexachlorocyclopentadiene	12.969	237	803134	124.579	ng		99
43) 2,4,6-Trichlorophenol	13.222	196	396225	47.457	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.293	196	418946	42.907	ng		99
46)	1,1'-Biphenyl	13.622	154	1318134	49.387	ng		99
47)	2-Chloronaphthalene	13.669	162	1034542	50.792	ng		98
48)	2-Nitroaniline	13.863	65	195588	40.678	ng		98
49)	Acenaphthylene	14.510	152	1508978	44.916	ng		99
50)	Dimethylphthalate	14.234	163	1159658	41.684	ng		100
51)	2,6-Dinitrotoluene	14.357	165	221532	39.703	ng		94
52)	Acenaphthene	14.851	154	1057699m	49.191	ng		
53)	3-Nitroaniline	14.687	138	154470	29.918	ng		99
54)	2,4-Dinitrophenol	14.887	184	274939	80.427	ng		100
55)	Dibenzofuran	15.181	168	1470283	43.660	ng		99
56)	4-Nitrophenol	14.981	139	389445	85.877	ng		94
57)	2,4-Dinitrotoluene	15.140	165	290426	38.860	ng		95
58)	Fluorene	15.834	166	1131506	43.938	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.404	232	357755	42.295	ng		99
60)	Diethylphthalate	15.592	149	1078218	42.439	ng		99
61)	4-Chlorophenyl-phenyle...	15.822	204	623232	42.858	ng		99
62)	4-Nitroaniline	15.845	138	202050	40.673	ng		94
63)	Azobenzene	16.116	77	1021748	39.470	ng		97
65)	4,6-Dinitro-2-methylph...	15.904	198	166738	43.227	ng		98
66)	n-Nitrosodiphenylamine	16.034	169	966607	48.905	ng		98
67)	4-Bromophenyl-phenylether	16.722	248	385936	46.674	ng		96
68)	Hexachlorobenzene	16.839	284	460375	50.937	ng		97
69)	Atrazine	16.987	200	337818	55.913	ng		99
70)	Pentachlorophenol	17.181	266	569518	81.081	ng		99
71)	Phenanthrene	17.581	178	1735503	47.170	ng		100
72)	Anthracene	17.675	178	1750159	47.077	ng		99
73)	Carbazole	17.934	167	1518651	45.842	ng		99
74)	Di-n-butylphthalate	18.469	149	1675609	54.562	ng		99
75)	Fluoranthene	19.528	202	1997377	43.526	ng		99
77)	Benzidine	19.704	184	636660	95.840	ng		99
78)	Pyrene	19.886	202	2070010	42.214	ng		99
80)	Butylbenzylphthalate	20.739	149	481068	68.739	ng		97
81)	Benzo(a)anthracene	21.598	228	2016783	45.202	ng		100
82)	3,3'-Dichlorobenzidine	21.522	252	513476	45.927	ng		98
83)	Chrysene	21.657	228	1903832	45.413	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.504	149	840419	71.412	ng		98
85)	Di-n-octyl phthalate	22.486	149	1599628	74.588	ng	#	93
87)	Indeno(1,2,3-cd)pyrene	26.933	276	2882280	55.723	ng		99
88)	Benzo(b)fluoranthene	23.410	252	2157137	45.668	ng		100
89)	Benzo(k)fluoranthene	23.457	252	2106249	44.917	ng		100
90)	Benzo(a)pyrene	24.086	252	1945556	43.761	ng		100
91)	Dibenzo(a,h)anthracene	26.957	278	2413136	56.067	ng		98
92)	Benzo(g,h,i)perylene	27.780	276	2431602	57.378	ng		99

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

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