Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
Data File : BP013559.D
Acq On : 23 Jan 2023 22:04
Operator : CG/JU
Sample : PB150338BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 24 05:50:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 04:44:15 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB150338BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.163	152	305048	20.000	ng		0.00
21) Naphthalene-d8	10.992	136	1182877	20.000	ng		0.00
39) Acenaphthene-d10	14.798	164	628678	20.000	ng		0.00
64) Phenanthrene-d10	17.551	188	1173361	20.000	ng		0.00
76) Chrysene-d12	21.627	240	917080	20.000	ng		-0.01
86) Perylene-d12	24.215	264	931133	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.693	112	2784528	156.398	ng		0.00
7) Phenol-d6	7.304	99	3437757	143.467	ng		0.00
23) Nitrobenzene-d5	9.334	82	1862510	103.947	ng		0.00
42) 2,4,6-Tribromophenol	16.286	330	1038477	164.683	ng		0.00
45) 2-Fluorobiphenyl	13.422	172	4410931	96.308	ng		0.00
79) Terphenyl-d14	20.080	244	5247178	102.932	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.534	88	293781	40.931	ng		98
3) Pyridine	3.940	79	817637	38.374	ng		99
4) n-Nitrosodimethylamine	3.852	42	433812	45.031	ng		97
6) Aniline	7.475	93	1135670	35.281	ng		99
8) 2-Chlorophenol	7.722	128	991981	50.492	ng		99
9) Benzaldehyde	7.287	77	439053m	28.934	ng		
10) Phenol	7.334	94	1245211	50.158	ng		99
11) bis(2-Chloroethyl)ether	7.575	93	944119	46.509	ng		98
12) 1,3-Dichlorobenzene	8.051	146	1093526	50.332	ng		98
13) 1,4-Dichlorobenzene	8.198	146	1113401	50.541	ng		99
14) 1,2-Dichlorobenzene	8.522	146	1068790	50.105	ng		99
15) Benzyl Alcohol	8.398	79	795280	46.453	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.693	45	1293320	46.527	ng		99
17) 2-Methylphenol	8.598	107	813357	45.112	ng		99
18) Hexachloroethane	9.257	117	383491	52.081	ng		99
19) n-Nitroso-di-n-propyla...	8.975	70	671388	43.501	ng		99
20) 3+4-Methylphenols	8.928	107	1064204	44.843	ng		97
22) Acetophenone	8.993	105	1437726	47.379	ng	#	99
24) Nitrobenzene	9.381	77	981448	50.944	ng		98
25) Isophorone	9.904	82	1836279	43.207	ng		100
26) 2-Nitrophenol	10.092	139	367198	51.282	ng		96
27) 2,4-Dimethylphenol	10.145	122	909210	49.559	ng		99
28) bis(2-Chloroethoxy)met...	10.387	93	1190757	46.493	ng		100
29) 2,4-Dichlorophenol	10.628	162	856217	50.738	ng		99
30) 1,2,4-Trichlorobenzene	10.851	180	959674	49.832	ng		99
31) Naphthalene	11.045	128	2976039	46.798	ng		99
32) Benzoic acid	10.269	122	410423	47.258	ng		96
33) 4-Chloroaniline	11.145	127	284998	10.128	ng		98
34) Hexachlorobutadiene	11.328	225	546134	48.731	ng		99
35) Caprolactam	11.916	113	247531	45.244	ng		99
36) 4-Chloro-3-methylphenol	12.251	107	863266	46.972	ng		98
37) 2-Methylnaphthalene	12.639	142	2001284	44.274	ng		99
38) 1-Methylnaphthalene	12.857	142	1843880	43.412	ng		98
40) 1,2,4,5-Tetrachloroben...	12.998	216	980202	50.643	ng		99
41) Hexachlorocyclopentadiene	12.981	237	1269808	122.772	ng		99
43) 2,4,6-Trichlorophenol	13.233	196	605877	53.485	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.304	196	659587	49.275	ng	98
46)	1,1'-Biphenyl	13.633	154	2498967	49.495	ng	99
47)	2-Chloronaphthalene	13.681	162	1897852	50.174	ng	99
48)	2-Nitroaniline	13.875	65	452763	47.883	ng	94
49)	Acenaphthylene	14.522	152	2950004	47.689	ng	99
50)	Dimethylphthalate	14.245	163	2192779	46.922	ng	100
51)	2,6-Dinitrotoluene	14.363	165	441316	48.295	ng	94
52)	Acenaphthene	14.863	154	1960806	51.315	ng	99
53)	3-Nitroaniline	14.692	138	278701	29.080	ng	99
54)	2,4-Dinitrophenol	14.898	184	317832	87.656	ng	92
55)	Dibenzofuran	15.192	168	2733971	46.660	ng	100
56)	4-Nitrophenol	14.986	139	799567	99.646	ng	94
57)	2,4-Dinitrotoluene	15.145	165	573646	52.421	ng	94
58)	Fluorene	15.845	166	2169142	46.577	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.416	232	529231	51.490	ng	99
60)	Diethylphthalate	15.610	149	2107153	46.165	ng	99
61)	4-Chlorophenyl-phenyle...	15.833	204	1053322	45.997	ng	98
62)	4-Nitroaniline	15.857	138	458262	46.046	ng	94
63)	Azobenzene	16.127	77	2025582	45.670	ng	98
65)	4,6-Dinitro-2-methylph...	15.910	198	203697	52.598	ng	98
66)	n-Nitrosodiphenylamine	16.045	169	1851194	48.379	ng	99
67)	4-Bromophenyl-phenylether	16.733	248	629714	48.449	ng	98
68)	Hexachlorobenzene	16.851	284	731393	52.096	ng	99
69)	Atrazine	16.998	200	586113	53.535	ng	97
70)	Pentachlorophenol	17.192	266	807994	85.816	ng	99
71)	Phenanthrene	17.592	178	3176233	48.653	ng	99
72)	Anthracene	17.686	178	3212196	48.479	ng	99
73)	Carbazole	17.945	167	2877111	48.317	ng	100
74)	Di-n-butylphthalate	18.486	149	3238410	48.865	ng	100
75)	Fluoranthene	19.539	202	3295837	47.473	ng	100
77)	Benzidine	19.710	184	1368654	59.339	ng	99
78)	Pyrene	19.892	202	3420671	48.781	ng	100
80)	Butylbenzylphthalate	20.751	149	1195083	53.528	ng	97
81)	Benzo(a)anthracene	21.609	228	3078363	48.183	ng	100
82)	3,3'-Dichlorobenzidine	21.533	252	622602	30.245	ng	100
83)	Chrysene	21.668	228	2921582	47.810	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.521	149	1745413	48.848	ng	100
85)	Di-n-octyl phthalate	22.509	149	2860809	49.661	ng	99
87)	Indeno(1,2,3-cd)pyrene	26.956	276	3597835	52.458	ng	100
88)	Benzo(b)fluoranthene	23.421	252	3054637	53.327	ng	100
89)	Benzo(k)fluoranthene	23.474	252	2936541	50.263	ng	99
90)	Benzo(a)pyrene	24.103	252	2595843	46.717	ng	100
91)	Dibenzo(a,h)anthracene	26.980	278	3045259	52.935	ng	99
92)	Benzo(g,h,i)perylene	27.803	276	2943954	52.426	ng	99

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

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