Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022224\
Data File : BP019819.D
Acq On : 22 Feb 2024 11:54
Operator : MA/JU
Sample : PB159185BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 22 12:21:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 19 23:35:42 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB159185BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/23/2024
Supervised By :mohammad ahmed 02/23/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.893	152	74714	20.000	ng		0.00
21) Naphthalene-d8	10.693	136	308653	20.000	ng		0.00
39) Acenaphthene-d10	14.528	164	197368	20.000	ng		-0.01
64) Phenanthrene-d10	17.287	188	465076	20.000	ng		0.00
76) Chrysene-d12	21.380	240	467688	20.000	ng		-0.01
86) Perylene-d12	23.798	264	490307	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.470	112	624516	134.737	ng		0.00
7) Phenol-d6	7.069	99	811086	129.778	ng		0.00
23) Nitrobenzene-d5	9.063	82	559107	78.492	ng		0.00
42) 2,4,6-Tribromophenol	16.028	330	500908	173.823	ng		0.00
45) 2-Fluorobiphenyl	13.157	172	1351069	84.625	ng		0.00
79) Terphenyl-d14	19.851	244	2658608	93.485	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.376	88	59134	33.113	ng		96
3) Pyridine	3.776	79	155018	32.018	ng		96
4) n-Nitrosodimethylamine	3.693	42	88181	41.834	ng		99
6) Aniline	7.228	93	166808	27.468	ng		99
8) 2-Chlorophenol	7.458	128	228466	48.010	ng		98
9) Benzaldehyde	7.046	77	94174m	21.492	ng		
10) Phenol	7.099	94	290262	46.598	ng		99
11) bis(2-Chloroethyl)ether	7.328	93	211752	43.695	ng		99
12) 1,3-Dichlorobenzene	7.775	146	250326	42.990	ng		100
13) 1,4-Dichlorobenzene	7.928	146	257724	43.687	ng		99
14) 1,2-Dichlorobenzene	8.240	146	245193	42.957	ng		98
15) Benzyl Alcohol	8.146	79	235222	47.104	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.416	45	209249	43.179	ng		99
17) 2-Methylphenol	8.346	107	194514	46.383	ng		99
18) Hexachloroethane	8.958	117	97466	42.624	ng		97
19) n-Nitroso-di-n-propyla...	8.711	70	184361	43.187	ng		99
20) 3+4-Methylphenols	8.675	107	264154	46.154	ng		96
22) Acetophenone	8.728	105	355471	40.426	ng	#	98
24) Nitrobenzene	9.111	77	276115	38.500	ng		99
25) Isophorone	9.634	82	499330	40.251	ng		99
26) 2-Nitrophenol	9.810	139	126327	46.196	ng		98
27) 2,4-Dimethylphenol	9.875	122	172879	49.441	ng		99
28) bis(2-Chloroethoxy)met...	10.116	93	283919	40.451	ng		98
29) 2,4-Dichlorophenol	10.346	162	255559	48.348	ng		99
30) 1,2,4-Trichlorobenzene	10.552	180	289598	44.684	ng		99
31) Naphthalene	10.740	128	735798	43.466	ng		99
32) Benzoic acid	10.040	122	163745	48.063	ng		97
33) 4-Chloroaniline	10.869	127	106359	16.989	ng		97
34) Hexachlorobutadiene	11.010	225	201649	41.987	ng		97
35) Caprolactam	11.681	113	72366	48.361	ng		95
36) 4-Chloro-3-methylphenol	11.993	107	265625	46.087	ng		99
37) 2-Methylnaphthalene	12.352	142	489612	41.793	ng		99
38) 1-Methylnaphthalene	12.569	142	465855	40.465	ng		98
40) 1,2,4,5-Tetrachloroben...	12.716	216	348647	45.804	ng		99
41) Hexachlorocyclopentadiene	12.681	237	395121	114.907	ng		100
43) 2,4,6-Trichlorophenol	12.963	196	223671	48.528	ng		98

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44) 2,4,5-Trichlorophenol	13.040	196	246210	48.647	ng		95
46) 1,1'-Biphenyl	13.369	154	679911	43.162	ng		99
47) 2-Chloronaphthalene	13.404	162	536786	41.511	ng		99
48) 2-Nitroaniline	13.622	65	171757	47.502	ng		99
49) Acenaphthylene	14.251	152	864182	47.635	ng		100
50) Dimethylphthalate	14.004	163	717621	47.496	ng		100
51) 2,6-Dinitrotoluene	14.128	165	157179	47.349	ng		94
52) Acenaphthene	14.593	154	495157	43.976	ng		100
53) 3-Nitroaniline	14.457	138	106653	34.960	ng		99
54) 2,4-Dinitrophenol	14.669	184	217293	126.072	ng		97
55) Dibenzofuran	14.934	168	844253	46.036	ng		98
56) 4-Nitrophenol	14.769	139	254104	101.623	ng		97
57) 2,4-Dinitrotoluene	14.916	165	226055	51.965	ng		97
58) Fluorene	15.581	166	691137	47.317	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.157	232	237003	55.672	ng		95
60) Diethylphthalate	15.369	149	716325	47.665	ng		98
61) 4-Chlorophenyl-phenyle...	15.581	204	393790	47.967	ng		95
62) 4-Nitroaniline	15.622	138	156569	48.963	ng		98
63) Azobenzene	15.875	77	660557	45.454	ng		98
65) 4,6-Dinitro-2-methylph...	15.675	198	148593	56.033	ng		96
66) n-Nitrosodiphenylamine	15.798	169	606509	43.544	ng		99
67) 4-Bromophenyl-phenylether	16.475	248	266351	45.812	ng		98
68) Hexachlorobenzene	16.581	284	313182	46.128	ng		93
69) Atrazine	16.763	200	234790	50.799	ng		95
70) Pentachlorophenol	16.934	266	435144	102.917	ng		99
71) Phenanthrene	17.334	178	1118789	45.711	ng		100
72) Anthracene	17.422	178	1144028	46.856	ng		99
73) Carbazole	17.698	167	1032962	46.571	ng		100
74) Di-n-butylphthalate	18.257	149	1246830	46.491	ng		99
75) Fluoranthene	19.298	202	1425751	47.685	ng		99
77) Benzidine	19.486	184	320374	32.765	ng		99
78) Pyrene	19.651	202	1483774	44.953	ng		100
80) Butylbenzylphthalate	20.539	149	560292	45.454	ng		94
81) Benzo(a)anthracene	21.369	228	1517264	46.087	ng		100
82) 3,3'-Dichlorobenzidine	21.304	252	464562	38.724	ng		98
83) Chrysene	21.422	228	1409720	45.102	ng		100
84) Bis(2-ethylhexyl)phtha...	21.304	149	808351	43.066	ng		98
85) Di-n-octyl phthalate	22.245	149	1376585	41.684	ng		99
87) Indeno(1,2,3-cd)pyrene	26.333	276	1750718	46.647	ng		97
88) Benzo(b)fluoranthene	23.063	252	1507204	48.774	ng		99
89) Benzo(k)fluoranthene	23.110	252	1448662	49.077	ng		99
90) Benzo(a)pyrene	23.692	252	1347722	49.016	ng		99
91) Dibenzo(a,h)anthracene	26.357	278	1464625	47.448	ng	#	98
92) Benzo(g,h,i)perylene	27.104	276	1389868	44.383	ng		97

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

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