

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041624\
 Data File : BG060913.D
 Acq On : 16 Apr 2024 14:32
 Operator : MA/JU
 Sample : PB160120BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB160120BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/17/2024

Supervised By :mohammad ahmed 04/18/2024

Quant Time: Apr 16 15:18:38 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Mar 30 03:12:26 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	71474	20.000	ng	-0.01
21) Naphthalene-d8	10.744	136	308787	20.000	ng	-0.01
39) Acenaphthene-d10	14.581	164	239703	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	563421	20.000	ng	-0.01
76) Chrysene-d12	21.591	240	513117	20.000	ng	-0.01
86) Perylene-d12	24.722	264	545770	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	550887	128.399	ng	0.00
7) Phenol-d6	7.119	99	747310	117.342	ng	0.00
23) Nitrobenzene-d5	9.105	82	488205	90.217	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	432361	158.897	ng	0.00
45) 2-Fluorobiphenyl	13.206	172	1249555	76.506	ng	-0.01
79) Terphenyl-d14	19.951	244	2225714	76.379	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.453	88	46065	26.187	ng	96
3) Pyridine	3.841	79	120147	22.644	ng	87
4) n-Nitrosodimethylamine	3.759	42	117691	37.107	ng	96
6) Aniline	7.272	93	187922	23.366	ng	97
8) 2-Chlorophenol	7.513	128	209104	42.989	ng	96
9) Benzaldehyde	7.084	77	27811m	7.919	ng	
10) Phenol	7.143	94	273175	42.030	ng	96
11) bis(2-Chloroethyl)ether	7.372	93	186293	35.501	ng	98
12) 1,3-Dichlorobenzene	7.842	146	199175	39.376	ng	98
13) 1,4-Dichlorobenzene	7.983	146	203479	39.430	ng	99
14) 1,2-Dichlorobenzene	8.300	146	204031	40.344	ng	98
15) Benzyl Alcohol	8.183	79	208513	40.419	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.471	45	456874	38.579	ng	100
17) 2-Methylphenol	8.394	107	187559	38.225	ng	98
18) Hexachloroethane	9.029	117	74842	40.835	ng	# 86
19) n-Nitroso-di-n-propyla...	8.753	70	172155	35.447	ng	95
20) 3+4-Methylphenols	8.717	107	257562	38.333	ng	90
22) Acetophenone	8.770	105	332695	39.074	ng	# 98
24) Nitrobenzene	9.146	77	246918	41.397	ng	98
25) Isophorone	9.669	82	470356	37.737	ng	100
26) 2-Nitrophenol	9.857	139	119170	54.870	ng	96
27) 2,4-Dimethylphenol	9.922	122	162400	32.436	ng	98
28) bis(2-Chloroethoxy)met...	10.157	93	272680	37.056	ng	98
29) 2,4-Dichlorophenol	10.392	162	220600	47.980	ng	95
30) 1,2,4-Trichlorobenzene	10.609	180	232301	44.620	ng	97
31) Naphthalene	10.797	128	643348	38.516	ng	99
32) Benzoic acid	10.069	122	164399	49.159	ng	98
33) 4-Chloroaniline	10.897	127	131862	16.996	ng	98
34) Hexachlorobutadiene	11.085	225	165941	47.826	ng	99
35) Caprolactam	11.673	113	72116m	39.603	ng	
36) 4-Chloro-3-methylphenol	12.025	107	250454	42.642	ng	99
37) 2-Methylnaphthalene	12.401	142	463318	37.728	ng	98
38) 1-Methylnaphthalene	12.625	142	434776	37.477	ng	96
40) 1,2,4,5-Tetrachloroben...	12.772	216	310713	45.088	ng	99
41) Hexachlorocyclopentadiene	12.754	237	317686	90.663	ng	96
43) 2,4,6-Trichlorophenol	13.012	196	212102	47.800	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.083	196	234804	44.341	ng	96
46) 1,1'-Biphenyl	13.412	154	659018	38.924	ng	99
47) 2-Chloronaphthalene	13.453	162	516897	40.182	ng	98
48) 2-Nitroaniline	13.653	65	194689	46.879	ng	99
49) Acenaphthylene	14.299	152	862659	39.911	ng	100
50) Dimethylphthalate	14.041	163	714825	37.729	ng	100
51) 2,6-Dinitrotoluene	14.152	165	151553	44.918	ng	93
52) Acenaphthene	14.646	154	598127m	44.075	ng	
53) 3-Nitroaniline	14.481	138	109241	30.463	ng	# 95
54) 2,4-Dinitrophenol	14.687	184	191603	145.288	ng	89
55) Dibenzofuran	14.981	168	807939	37.744	ng	98
56) 4-Nitrophenol	14.793	139	252804	91.273	ng	95
57) 2,4-Dinitrotoluene	14.940	165	215683	48.800	ng	97
58) Fluorene	15.627	166	648202	37.730	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.204	232	218319	47.308	ng	97
60) Diethylphthalate	15.404	149	697489	36.592	ng	99
61) 4-Chlorophenyl-phenyle...	15.621	204	360566	39.671	ng	95
62) 4-Nitroaniline	15.645	138	157269	45.401	ng	94
63) Azobenzene	15.915	77	661364	35.606	ng	96
65) 4,6-Dinitro-2-methylph...	15.703	198	136167	57.014	ng	97
66) n-Nitrosodiphenylamine	15.839	169	612182	38.022	ng	99
67) 4-Bromophenyl-phenylether	16.520	248	254808	44.563	ng	95
68) Hexachlorobenzene	16.632	284	298171	46.193	ng	98
69) Atrazine	16.790	200	237062	42.105	ng	97
70) Pentachlorophenol	16.978	266	389780	92.545	ng	99
71) Phenanthrene	17.366	178	1117736	38.145	ng	99
72) Anthracene	17.460	178	1128819	37.933	ng	100
73) Carbazole	17.730	167	995442	37.940	ng	99
74) Di-n-butylphthalate	18.300	149	1184128	36.200	ng	99
75) Fluoranthene	19.381	202	1352516	38.038	ng	96
77) Benzidine	19.558	184	276188	20.441	ng	99
78) Pyrene	19.740	202	1411157	39.323	ng	99
80) Butylbenzylphthalate	20.645	149	516329	39.442	ng	94
81) Benzo(a)anthracene	21.567	228	1430812	39.559	ng	99
82) 3,3'-Dichlorobenzidine	21.485	252	388549	31.815	ng	96
83) Chrysene	21.638	228	1362112	39.072	ng	100
84) Bis(2-ethylhexyl)phtha...	21.502	149	744763	35.694	ng	98
85) Di-n-octyl phthalate	22.695	149	1295411	38.110	ng	100
87) Indeno(1,2,3-cd)pyrene	28.283	276	1708999	44.467	ng	# 96
88) Benzo(b)fluoranthene	23.735	252	1388938	44.298	ng	# 97
89) Benzo(k)fluoranthene	23.800	252	1403280	43.726	ng	# 98
90) Benzo(a)pyrene	24.575	252	1305303	42.838	ng	98
91) Dibenzo(a,h)anthracene	28.353	278	1411885	43.579	ng	95
92) Benzo(g,h,i)perylene	29.387	276	1310432	41.580	ng	96

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

