

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040824\
 Data File : BG060822.D
 Acq On : 8 Apr 2024 12:28
 Operator : MA/JU
 Sample : PB160005BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB160005BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/10/2024

Supervised By :mohammad ahmed 04/10/2024

04/10/2024

Supervised By :mohammad
ahmed

04/10/2024

Quant Time: Apr 10 00:28:08 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	7.946	152	54149	20.000	ng	-0.01
21) Naphthalene-d8	10.749	136	226170	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	184875	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	438547	20.000	ng	0.00
76) Chrysene-d12	21.589	240	412322	20.000	ng	-0.02
86) Perylene-d12	24.727	264	470049	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	441556	135.844	ng	0.00
7) Phenol-d6	7.118	99	608990	126.218	ng	0.00
23) Nitrobenzene-d5	9.104	82	381446	96.237	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	334921	159.590	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	1042350	82.747	ng	-0.02
79) Terphenyl-d14	19.950	244	1915601	81.806	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.452	88	48862	36.665	ng	97
3) Pyridine	3.839	79	130143	32.375	ng	86
4) n-Nitrosodimethylamine	3.757	42	107026	44.541	ng	97
6) Aniline	7.271	93	156612	25.704	ng	98
8) 2-Chlorophenol	7.517	128	178283	48.380	ng	95
9) Benzaldehyde	7.089	77	19012m	7.146	ng	
10) Phenol	7.141	94	225570	45.809	ng	97
11) bis(2-Chloroethyl)ether	7.371	93	159297	40.069	ng	99
12) 1,3-Dichlorobenzene	7.841	146	171863	44.848	ng	97
13) 1,4-Dichlorobenzene	7.988	146	177555	45.415	ng	99
14) 1,2-Dichlorobenzene	8.299	146	174269	45.484	ng	97
15) Benzyl Alcohol	8.181	79	178350	45.633	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.469	45	387998	43.245	ng	100
17) 2-Methylphenol	8.393	107	162494	43.713	ng	97
18) Hexachloroethane	9.033	117	62305	44.871	ng	# 87
19) n-Nitroso-di-n-propyla...	8.757	70	145603	39.572	ng	# 100
20) 3+4-Methylphenols	8.716	107	223418	43.890	ng	95
22) Acetophenone	8.769	105	278808	44.707	ng	# 96
24) Nitrobenzene	9.145	77	203374	46.206	ng	97
25) Isophorone	9.674	82	396007	43.378	ng	99
26) 2-Nitrophenol	9.856	139	82149	52.219	ng	# 87
27) 2,4-Dimethylphenol	9.921	122	139698	38.094	ng	97
28) bis(2-Chloroethoxy)met...	10.156	93	230427	42.753	ng	99
29) 2,4-Dichlorophenol	10.396	162	180549	53.614	ng	99
30) 1,2,4-Trichlorobenzene	10.614	180	187670	49.215	ng	96
31) Naphthalene	10.796	128	542454	44.338	ng	100
32) Benzoic acid	10.056	122	125828	51.062	ng	96
33) 4-Chloroaniline	10.902	127	89481	15.747	ng	98
34) Hexachlorobutadiene	11.090	225	127051	49.993	ng	97
35) Caprolactam	11.671	113	62614m	46.945	ng	
36) 4-Chloro-3-methylphenol	12.030	107	213355	49.595	ng	98
37) 2-Methylnaphthalene	12.406	142	391571	43.534	ng	99
38) 1-Methylnaphthalene	12.623	142	368236	43.336	ng	96
40) 1,2,4,5-Tetrachloroben...	12.770	216	247652	46.595	ng	99
41) Hexachlorocyclopentadiene	12.758	237	284208	105.164	ng	98
43) 2,4,6-Trichlorophenol	13.011	196	176713	51.635	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040824\
 Data File : BG060822.D
 Acq On : 8 Apr 2024 12:28
 Operator : MA/JU
 Sample : PB160005BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160005BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/10/2024
 Supervised By :mohammad ahmed 04/10/2024

Quant Time: Apr 10 00:28:08 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)	
44) 2,4,5-Trichlorophenol	13.082	196	193908	47.477	ng	98	04/10/2024
46) 1,1'-Biphenyl	13.416	154	573987	43.955	ng	98	
47) 2-Chloronaphthalene	13.458	162	446795	45.034	ng	100	
48) 2-Nitroaniline	13.651	65	157314	48.769	ng	98	
49) Acenaphthylene	14.304	152	763165	45.780	ng	100	
50) Dimethylphthalate	14.039	163	622541	42.603	ng	99	
51) 2,6-Dinitrotoluene	14.151	165	121996	46.728	ng	96	
52) Acenaphthene	14.644	154	503383m	48.094	ng		
53) 3-Nitroaniline	14.474	138	75094	27.461	ng	97	
54) 2,4-Dinitrophenol	14.686	184	142586	140.185	ng	86	
55) Dibenzofuran	14.979	168	711678	43.107	ng	96	
56) 4-Nitrophenol	14.791	139	225077	105.363	ng	98	
57) 2,4-Dinitrotoluene	14.938	165	173621	50.695	ng	96	
58) Fluorene	15.632	166	580475	43.809	ng	98	
59) 2,3,4,6-Tetrachlorophenol	15.203	232	184841	51.932	ng	97	
60) Diethylphthalate	15.414	149	613169	41.708	ng	97	
61) 4-Chlorophenyl-phenyle...	15.626	204	311194	44.393	ng	95	
62) 4-Nitroaniline	15.643	138	133165	49.844	ng	95	
63) Azobenzene	15.919	77	600544	41.920	ng	97	
65) 4,6-Dinitro-2-methylph...	15.702	198	98270	53.375	ng	94	
66) n-Nitrosodiphenylamine	15.843	169	543883	43.399	ng	99	
67) 4-Bromophenyl-phenylether	16.525	248	211682	47.562	ng	98	
68) Hexachlorobenzene	16.636	284	248136	49.388	ng	97	
69) Atrazine	16.795	200	208766	47.637	ng	99	
70) Pentachlorophenol	16.977	266	327764	99.979	ng	98	
71) Phenanthrene	17.371	178	994165	43.589	ng	99	
72) Anthracene	17.465	178	1022420	44.140	ng	99	
73) Carbazole	17.729	167	890186	43.589	ng	99	
74) Di-n-butylphthalate	18.311	149	1045705	41.071	ng	99	
75) Fluoranthene	19.386	202	1207186	43.618	ng	97	
77) Benzidine	19.562	184	336315	30.976	ng	98	
78) Pyrene	19.744	202	1255131	43.525	ng	99	
80) Butylbenzylphthalate	20.649	149	460404	43.768	ng	98	
81) Benzo(a)anthracene	21.572	228	1308594	45.024	ng	99	
82) 3,3'-Dichlorobenzidine	21.489	252	303864	30.963	ng	98	
83) Chrysene	21.636	228	1235166	44.091	ng	99	
84) Bis(2-ethylhexyl)phtha...	21.513	149	677346	40.399	ng	98	
85) Di-n-octyl phthalate	22.706	149	1186169	43.427	ng	100	
87) Indeno(1,2,3-cd)pyrene	28.287	276	1581848	47.789	ng	# 97	
88) Benzo(b)fluoranthene	23.740	252	1280478	47.418	ng	99	
89) Benzo(k)fluoranthene	23.804	252	1289840	46.666	ng	98	
90) Benzo(a)pyrene	24.580	252	1202755	45.832	ng	98	
91) Dibenzo(a,h)anthracene	28.358	278	1290871	46.262	ng	96	
92) Benzo(g,h,i)perylene	29.392	276	1210805	44.608	ng	98	

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

