

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011223\
 Data File : BG056264.D
 Acq On : 12 Jan 2023 11:36
 Operator : CG/JU
 Sample : PB150172BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150172BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2023
 Supervised By :mohammad ahmed 01/13/2023

Quant Time: Jan 13 04:38:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.314	152	52291	20.000	ng	0.00
21) Naphthalene-d8	11.146	136	204604	20.000	ng	0.00
39) Acenaphthene-d10	14.930	164	170780	20.000	ng	0.00
64) Phenanthrene-d10	17.662	188	460426	20.000	ng	0.00
76) Chrysene-d12	21.963	240	507277	20.000	ng	0.00
86) Perylene-d12	25.400	264	475370	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.835	112	395702	135.114	ng	0.00
7) Phenol-d6	7.456	99	543738	120.896	ng	0.00
23) Nitrobenzene-d5	9.495	82	284066	71.017	ng	0.00
42) 2,4,6-Tribromophenol	16.411	330	252394	116.692	ng	0.00
45) 2-Fluorobiphenyl	13.555	172	875776	70.814	ng	0.00
79) Terphenyl-d14	20.241	244	2037712	71.946	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.649	88	44691	33.409	ng	# 97
3) Pyridine	4.066	79	113039	27.745	ng	# 94
4) n-Nitrosodimethylamine	3.978	42	31551	38.069	ng	# 92
6) Aniline	7.627	93	166536	28.236	ng	96
8) 2-Chlorophenol	7.874	128	132724	45.542	ng	97
9) Benzaldehyde	7.445	77	37149	13.891	ng	94
10) Phenol	7.480	94	196072	42.987	ng	96
11) bis(2-Chloroethyl)ether	7.721	93	122430	39.609	ng	97
12) 1,3-Dichlorobenzene	8.209	146	151861	42.815	ng	95
13) 1,4-Dichlorobenzene	8.355	146	153419	43.074	ng	99
14) 1,2-Dichlorobenzene	8.679	146	149151	43.399	ng	97
15) Benzyl Alcohol	8.549	79	129238	39.482	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.843	45	24362	44.601	ng	97
17) 2-Methylphenol	8.749	107	132223	39.506	ng	97
18) Hexachloroethane	9.419	117	46918	43.362	ng	98
19) n-Nitroso-di-n-propyla...	9.119	70	94938	34.713	ng	99
20) 3+4-Methylphenols	9.078	107	180071	38.268	ng	99
22) Acetophenone	9.143	105	215918	37.322	ng	99
24) Nitrobenzene	9.536	77	143318	36.155	ng	99
25) Isophorone	10.053	82	282532	33.571	ng	96
26) 2-Nitrophenol	10.253	139	80086	39.487	ng	96
27) 2,4-Dimethylphenol	10.294	122	142000	38.387	ng	97
28) bis(2-Chloroethoxy)met...	10.529	93	162318	37.109	ng	99
29) 2,4-Dichlorophenol	10.788	162	165852	40.554	ng	97
30) 1,2,4-Trichlorobenzene	11.005	180	182171	39.253	ng	96
31) Naphthalene	11.199	128	400345	37.179	ng	99
32) Benzoic acid	10.424	122	102973	37.517	ng	92
33) 4-Chloroaniline	11.299	127	133383	25.945	ng	98
34) Hexachlorobutadiene	11.475	225	130566	39.116	ng	97
35) Caprolactam	12.063	113	52812m	38.141	ng	
36) 4-Chloro-3-methylphenol	12.392	107	158822	38.271	ng	98
37) 2-Methylnaphthalene	12.780	142	318313	35.010	ng	99
38) 1-Methylnaphthalene	12.997	142	297854	35.278	ng	98
40) 1,2,4,5-Tetrachloroben...	13.138	216	242332	37.860	ng	99
41) Hexachlorocyclopentadiene	13.120	237	281900	77.249	ng	95
43) 2,4,6-Trichlorophenol	13.367	196	164634	38.898	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011223\
 Data File : BG056264.D
 Acq On : 12 Jan 2023 11:36
 Operator : CG/JU
 Sample : PB150172BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150172BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/13/2023
 Supervised By :mohammad ahmed 01/13/2023

Quant Time: Jan 13 04:38:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.444	196	177394	35.431	ng	98
46) 1,1'-Biphenyl	13.767	154	463581	37.903	ng	100
47) 2-Chloronaphthalene	13.820	162	371021	38.432	ng	99
48) 2-Nitroaniline	14.013	65	78499	38.164	ng	97
49) Acenaphthylene	14.654	152	574212	36.551	ng	99
50) Dimethylphthalate	14.372	163	494524	35.870	ng	99
51) 2,6-Dinitrotoluene	14.495	165	109043	37.119	ng	95
52) Acenaphthene	14.995	154	437877m	42.855	ng	
53) 3-Nitroaniline	14.824	138	84936	30.380	ng	99
54) 2,4-Dinitrophenol	15.030	184	176471	84.089	ng	96
55) Dibenzofuran	15.324	168	619056	36.612	ng	97
56) 4-Nitrophenol	15.118	139	184189	85.661	ng	96
57) 2,4-Dinitrotoluene	15.277	165	162516	39.558	ng	93
58) Fluorene	15.970	166	501422	36.870	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.541	232	182861	38.898	ng	98
60) Diethylphthalate	15.717	149	478688	37.024	ng	99
61) 4-Chlorophenyl-phenyle...	15.952	204	310505	36.586	ng	99
62) 4-Nitroaniline	15.982	138	111203	38.830	ng	98
63) Azobenzene	16.246	77	360307	36.113	ng	98
65) 4,6-Dinitro-2-methylph...	16.035	198	121587	39.195	ng	94
66) n-Nitrosodiphenylamine	16.164	169	472282	36.970	ng	98
67) 4-Bromophenyl-phenylether	16.845	248	217745	37.138	ng	98
68) Hexachlorobenzene	16.969	284	217562	39.773	ng	99
69) Atrazine	17.098	200	231561	43.737	ng	97
70) Pentachlorophenol	17.310	266	343506	81.749	ng	97
71) Phenanthrene	17.709	178	927408	38.868	ng	98
72) Anthracene	17.797	178	922741	37.488	ng	100
73) Carbazole	18.062	167	850484	41.107	ng	98
74) Di-n-butylphthalate	18.590	149	873326	42.344	ng	99
75) Fluoranthene	19.701	202	1265994	40.675	ng	100
77) Benzidine	19.865	184	375615	21.129	ng	98
78) Pyrene	20.059	202	1285524	35.954	ng	98
80) Butylbenzylphthalate	20.917	149	386257	37.655	ng	99
81) Benzo(a)anthracene	21.939	228	1319254	37.027	ng	100
82) 3,3'-Dichlorobenzidine	21.840	252	442358	34.489	ng	99
83) Chrysene	22.010	228	1225522	36.720	ng	99
84) Bis(2-ethylhexyl)phtha...	21.804	149	560575	37.932	ng	98
85) Di-n-octyl phthalate	23.085	149	955617	38.303	ng	100
87) Indeno(1,2,3-cd)pyrene	29.372	276	1531522	44.300	ng	# 97
88) Benzo(b)fluoranthene	24.301	252	1410001	46.684	ng	99
89) Benzo(k)fluoranthene	24.378	252	1367201	45.458	ng	99
90) Benzo(a)pyrene	25.241	252	1237230	41.999	ng	100
91) Dibenzo(a,h)anthracene	29.437	278	1326456	45.763	ng	99
92) Benzo(g,h,i)perylene	30.618	276	1282432	45.625	ng	97

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

