

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
 Data File : BG057643.D
 Acq On : 6 Jun 2023 18:53
 Operator : CG/JU
 Sample : PB153157BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153157BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Jun 07 02:48:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.337	152	22473	20.000	ng	0.00
21) Naphthalene-d8	11.180	136	100787	20.000	ng	0.00
39) Acenaphthene-d10	14.957	164	74902	20.000	ng	0.00
64) Phenanthrene-d10	17.701	188	187127	20.000	ng	0.00
76) Chrysene-d12	22.007	240	156560	20.000	ng	0.00
86) Perylene-d12	25.490	264	169462	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.858	112	215305	166.445	ng	0.00
7) Phenol-d6	7.491	99	316890	156.535	ng	0.00
23) Nitrobenzene-d5	9.524	82	199557	92.557	ng	0.00
42) 2,4,6-Tribromophenol	16.444	330	155247	129.459	ng	0.00
45) 2-Fluorobiphenyl	13.583	172	505113	96.914	ng	0.00
79) Terphenyl-d14	20.268	244	926407	102.500	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.643	88	18108	33.787	ng	98
3) Pyridine	4.072	79	53975	32.942	ng	96
4) n-Nitrosodimethylamine	3.984	42	28848	43.514	ng	86
6) Aniline	7.656	93	106058	43.306	ng	97
8) 2-Chlorophenol	7.902	128	78429	56.475	ng	93
9) Benzaldehyde	7.468	77	46884	34.956	ng	99
10) Phenol	7.520	94	105748	55.191	ng	100
11) bis(2-Chloroethyl)ether	7.744	93	72855	50.923	ng	94
12) 1,3-Dichlorobenzene	8.231	146	76067	51.414	ng	98
13) 1,4-Dichlorobenzene	8.372	146	78112	51.895	ng	98
14) 1,2-Dichlorobenzene	8.701	146	77229	52.603	ng	97
15) Benzyl Alcohol	8.578	79	81208	52.148	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.854	45	94916	53.428	ng	97
17) 2-Methylphenol	8.783	107	73805	52.453	ng	99
18) Hexachloroethane	9.436	117	27987	54.302	ng	96
19) n-Nitroso-di-n-propyla...	9.142	70	68614	48.786	ng	96
20) 3+4-Methylphenols	9.112	107	100525	50.893	ng	97
22) Acetophenone	9.171	105	126424	46.910	ng	# 97
24) Nitrobenzene	9.565	77	98138	44.841	ng	93
25) Isophorone	10.082	82	190906	45.048	ng	98
26) 2-Nitrophenol	10.281	139	45288	48.262	ng	97
27) 2,4-Dimethylphenol	10.328	122	82574m	50.897	ng	
28) bis(2-Chloroethoxy)met...	10.558	93	109073	49.636	ng	99
29) 2,4-Dichlorophenol	10.828	162	85624	50.250	ng	98
30) 1,2,4-Trichlorobenzene	11.039	180	86814	46.748	ng	99
31) Naphthalene	11.227	128	244995	45.952	ng	97
32) Benzoic acid	10.499	122	38001m	41.258	ng	
33) 4-Chloroaniline	11.339	127	76606	31.245	ng	96
34) Hexachlorobutadiene	11.497	225	59575	46.381	ng	95
35) Caprolactam	12.114	113	30458m	43.119	ng	
36) 4-Chloro-3-methylphenol	12.443	107	95780	47.488	ng	99
37) 2-Methylnaphthalene	12.807	142	186545	44.580	ng	98
38) 1-Methylnaphthalene	13.025	142	174015	43.578	ng	95
40) 1,2,4,5-Tetrachloroben...	13.172	216	120426	48.983	ng	99
41) Hexachlorocyclopentadiene	13.142	237	68668	97.047	ng	97
43) 2,4,6-Trichlorophenol	13.407	196	77211	49.885	ng	96

06/09/2023
 Supervised By :mohammad
 Ahmed

06/13/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.495	196	83188	45.127	ng	95	06/09/2023
46) 1,1'-Biphenyl	13.794	154	264979	49.498	ng	99	Supervised By :mohammad ahmed
47) 2-Chloronaphthalene	13.847	162	202399	50.195	ng	96	
48) 2-Nitroaniline	14.047	65	65043	46.050	ng	97	
49) Acenaphthylene	14.687	152	321432	47.075	ng	99	
50) Dimethylphthalate	14.394	163	280674	45.466	ng	99	
51) 2,6-Dinitrotoluene	14.529	165	61558	46.582	ng	93	06/13/2023
52) Acenaphthene	15.022	154	197570	47.287	ng	96	
53) 3-Nitroaniline	14.869	138	46081	33.432	ng	97	
54) 2,4-Dinitrophenol	15.087	184	67445	84.215	ng	98	
55) Dibenzofuran	15.351	168	326757	45.770	ng	100	
56) 4-Nitrophenol	15.181	139	76586	83.395	ng	93	
57) 2,4-Dinitrotoluene	15.322	165	89202	45.083	ng	97	
58) Fluorene	15.997	166	272366	45.185	ng	99	
59) 2,3,4,6-Tetrachlorophenol	15.586	232	76024	44.021	ng	99	
60) Diethylphthalate	15.739	149	286169	44.413	ng	98	
61) 4-Chlorophenyl-phenyle...	15.974	204	154238	45.913	ng	99	
62) 4-Nitroaniline	16.027	138	63125	42.456	ng	94	
63) Azobenzene	16.267	77	266118	46.441	ng	98	
65) 4,6-Dinitro-2-methylph...	16.091	198	55800	48.974	ng	96	
66) n-Nitrosodiphenylamine	16.191	169	240881	49.526	ng	99	
67) 4-Bromophenyl-phenylether	16.872	248	103235	49.181	ng	99	
68) Hexachlorobenzene	17.008	284	109517	50.615	ng	98	
69) Atrazine	17.125	200	106108	50.814	ng	99	
70) Pentachlorophenol	17.354	266	86922	78.841	ng	99	
71) Phenanthrene	17.742	178	455122	47.527	ng	100	
72) Anthracene	17.830	178	461622	46.991	ng	99	
73) Carbazole	18.100	167	412795	46.972	ng	99	
74) Di-n-butylphthalate	18.611	149	484889	46.478	ng	99	
75) Fluoranthene	19.733	202	543490	43.718	ng	99	
77) Benzidine	19.898	184	277778	58.634	ng	98	
78) Pyrene	20.092	202	550715	49.403	ng	99	
80) Butylbenzylphthalate	20.938	149	203490	50.123	ng	98	
81) Benzo(a)anthracene	21.983	228	526005	48.428	ng	98	
82) 3,3'-Dichlorobenzidine	21.877	252	144851	36.164	ng	99	
83) Chrysene	22.054	228	483635	47.118	ng	98	
84) Bis(2-ethylhexyl)phtha...	21.819	149	293544	50.689	ng	98	
85) Di-n-octyl phthalate	23.105	149	495173	51.586	ng	99	
87) Indeno(1,2,3-cd)pyrene	29.549	276	582073	49.266	ng	98	
88) Benzo(b)fluoranthene	24.380	252	523319	50.170	ng	98	
89) Benzo(k)fluoranthene	24.445	252	524424	49.817	ng	98	
90) Benzo(a)pyrene	25.338	252	466158	45.826	ng	99	
91) Dibenzo(a,h)anthracene	29.591	278	486296	49.456	ng	98	
92) Benzo(g,h,i)perylene	30.812	276	475274	49.561	ng	98	

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

