

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081623\
 Data File : BG058747.D
 Acq On : 16 Aug 2023 14:04
 Operator : MA/JU
 Sample : PB154612BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154612BS

Quant Time: Aug 16 14:42:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	23929	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	105843	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	78100	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	196892	20.000	ng	# 0.00
76) Chrysene-d12	21.451	240	168883	20.000	ng	0.00
86) Perylene-d12	24.524	264	211728	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	247086	157.825	ng	0.00
7) Phenol-d6	6.986	99	339959	156.055	ng	0.00
23) Nitrobenzene-d5	8.978	82	205521	95.389	ng	0.00
42) 2,4,6-Tribromophenol	15.958	330	178519	139.455	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	489972	94.016	ng	0.00
79) Terphenyl-d14	19.830	244	909945	101.323	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.261	88	29315	38.642	ng	# 84
3) Pyridine	3.660	79	76799	37.132	ng	# 82
4) n-Nitrosodimethylamine	3.578	42	51824	59.137	ng	83
6) Aniline	7.139	93	116074	43.277	ng	98
8) 2-Chlorophenol	7.374	128	96003	62.508	ng	99
9) Benzaldehyde	6.951	77	51118	43.190	ng	95
10) Phenol	7.010	94	130331	61.245	ng	95
11) bis(2-Chloroethyl)ether	7.233	93	87595	52.213	ng	90
12) 1,3-Dichlorobenzene	7.697	146	91268	55.651	ng	98
13) 1,4-Dichlorobenzene	7.844	146	92282	56.040	ng	97
14) 1,2-Dichlorobenzene	8.161	146	91784	58.298	ng	98
15) Benzyl Alcohol	8.055	79	97051	70.249	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.337	45	188830m	69.291	ng	
17) 2-Methylphenol	8.261	107	90359	58.073	ng	97
18) Hexachloroethane	8.890	117	34050	56.889	ng	94
19) n-Nitroso-di-n-propyla...	8.619	70	76318	54.237	ng	# 87
20) 3+4-Methylphenols	8.590	107	120779	57.386	ng	96
22) Acetophenone	8.637	105	150844	53.225	ng	# 95
24) Nitrobenzene	9.019	77	116543	53.207	ng	96
25) Isophorone	9.536	82	226839	50.956	ng	98
26) 2-Nitrophenol	9.730	139	51919	54.453	ng	96
27) 2,4-Dimethylphenol	9.789	122	86990	55.003	ng	93
28) bis(2-Chloroethoxy)met...	10.024	93	124436	51.364	ng	97
29) 2,4-Dichlorophenol	10.265	162	97707	59.501	ng	98
30) 1,2,4-Trichlorobenzene	10.476	180	104726	55.301	ng	95
31) Naphthalene	10.664	128	289378	51.873	ng	99
32) Benzoic acid	9.965	122	55019	45.800	ng	94
33) 4-Chloroaniline	10.782	127	83694	35.509	ng	99
34) Hexachlorobutadiene	10.940	225	65968	54.091	ng	96
35) Caprolactam	11.563	113	33659m	55.507	ng	
36) 4-Chloro-3-methylphenol	11.910	107	119891	59.020	ng	95
37) 2-Methylnaphthalene	12.280	142	205752	51.562	ng	97
38) 1-Methylnaphthalene	12.497	142	198439	52.314	ng	98
40) 1,2,4,5-Tetrachloroben...	12.650	216	121273	50.578	ng	99
41) Hexachlorocyclopentadiene	12.626	237	107795	95.362	ng	99
43) 2,4,6-Trichlorophenol	12.897	196	89418	54.219	ng	98

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44) 2,4,5-Trichlorophenol	12.973	196	98710	50.816	ng	98
46) 1,1'-Biphenyl	13.290	154	278292	51.886	ng	98
47) 2-Chloronaphthalene	13.337	162	221887	53.058	ng	98
48) 2-Nitroaniline	13.549	65	89519	56.082	ng	99
49) Acenaphthylene	14.183	152	373292	53.316	ng	99
50) Dimethylphthalate	13.919	163	310613	52.956	ng	99
51) 2,6-Dinitrotoluene	14.042	165	69690	54.149	ng	93
52) Acenaphthene	14.524	154	211437	52.263	ng	97
53) 3-Nitroaniline	14.377	138	51084	39.673	ng	99
54) 2,4-Dinitrophenol	14.595	184	77152	103.878	ng	94
55) Dibenzofuran	14.859	168	364671	52.458	ng	98
56) 4-Nitrophenol	14.701	139	101836	105.621	ng	92
57) 2,4-Dinitrotoluene	14.836	165	101089	56.656	ng	95
58) Fluorene	15.511	166	294157	53.265	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.094	232	90579	54.645	ng	98
60) Diethylphthalate	15.282	149	326953	54.716	ng	99
61) 4-Chlorophenyl-phenyle...	15.500	204	163680	53.162	ng	97
62) 4-Nitroaniline	15.547	138	71494	58.613	ng	94
63) Azobenzene	15.793	77	306365	52.053	ng	96
65) 4,6-Dinitro-2-methylph...	15.605	198	59549	54.851	ng	98
66) n-Nitrosodiphenylamine	15.717	169	267211	52.143	ng	97
67) 4-Bromophenyl-phenylether	16.393	248	112601	50.422	ng	97
68) Hexachlorobenzene	16.516	284	126377	53.405	ng	96
69) Atrazine	16.669	200	111662	64.547	ng	98
70) Pentachlorophenol	16.863	266	117571	82.084	ng	96
71) Phenanthrene	17.250	178	497837	53.316	ng	99
72) Anthracene	17.339	178	501194	52.311	ng	99
73) Carbazole	17.615	167	464789	55.012	ng	99
74) Di-n-butylphthalate	18.167	149	579978	54.805	ng	99
75) Fluoranthene	19.266	202	606974	54.115	ng	97
77) Benzidine	19.454	184	224081	87.499	ng	96
78) Pyrene	19.630	202	615507	53.553	ng	98
80) Butylbenzylphthalate	20.511	149	257780	54.602	ng	99
81) Benzo(a)anthracene	21.434	228	625119	53.786	ng	99
82) 3,3'-Dichlorobenzidine	21.352	252	194557	49.510	ng	100
83) Chrysene	21.498	228	579044	51.963	ng	99
84) Bis(2-ethylhexyl)phtha...	21.334	149	370550	53.711	ng	99
85) Di-n-octyl phthalate	22.485	149	657492	54.207	ng	96
87) Indeno(1,2,3-cd)pyrene	28.026	276	788501	55.979	ng	98
88) Benzo(b)fluoranthene	23.549	252	661823	57.632	ng	99
89) Benzo(k)fluoranthene	23.614	252	630642	54.665	ng	99
90) Benzo(a)pyrene	24.383	252	587450	52.090	ng	99
91) Dibenzo(a,h)anthracene	28.091	278	643742	55.272	ng	98
92) Benzo(g,h,i)perylene	29.137	276	617091	52.838	ng	99

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

