

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080823\
 Data File : BG058637.D
 Acq On : 8 Aug 2023 10:53
 Operator : MA/JU
 Sample : PB154638BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154638BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/09/2023

Quant Time: Aug 09 04:07:55 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	45222	20.000	ng	0.00
21) Naphthalene-d8	10.613	136	202394	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	147602	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	363317	20.000	ng	0.00
76) Chrysene-d12	21.454	240	320713	20.000	ng	0.00
86) Perylene-d12	24.521	264	405190	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	440565	148.907	ng	0.00
7) Phenol-d6	6.988	99	613322	148.975	ng	0.00
23) Nitrobenzene-d5	8.980	82	368239	89.379	ng	0.00
42) 2,4,6-Tribromophenol	15.954	330	330473	136.599	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	857166	87.028	ng	0.00
79) Terphenyl-d14	19.826	244	1620781	95.036	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	48903	34.110	ng	99
3) Pyridine	3.663	79	124530	31.859	ng	97
4) n-Nitrosodimethylamine	3.580	42	76045	45.917	ng	# 99
6) Aniline	7.141	93	205186	40.481	ng	99
8) 2-Chlorophenol	7.382	128	160957	55.454	ng	96
9) Benzaldehyde	6.953	77	67095	29.997	ng	97
10) Phenol	7.018	94	225212	56.000	ng	98
11) bis(2-Chloroethyl)ether	7.235	93	155275	48.975	ng	96
12) 1,3-Dichlorobenzene	7.699	146	150147	48.444	ng	98
13) 1,4-Dichlorobenzene	7.846	146	154401	49.614	ng	97
14) 1,2-Dichlorobenzene	8.163	146	150220	50.488	ng	98
15) Benzyl Alcohol	8.058	79	155384	59.514	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.345	45	261667	50.808	ng	99
17) 2-Methylphenol	8.263	107	153125	52.074	ng	98
18) Hexachloroethane	8.892	117	56088	49.586	ng	91
19) n-Nitroso-di-n-propyla...	8.622	70	133450	50.183	ng	99
20) 3+4-Methylphenols	8.592	107	213702	53.728	ng	99
22) Acetophenone	8.639	105	254342	46.932	ng	# 99
24) Nitrobenzene	9.021	77	192947	46.066	ng	97
25) Isophorone	9.538	82	392468	46.104	ng	100
26) 2-Nitrophenol	9.732	139	88120	48.332	ng	97
27) 2,4-Dimethylphenol	9.791	122	150601	49.798	ng	100
28) bis(2-Chloroethoxy)met...	10.026	93	222977	48.132	ng	98
29) 2,4-Dichlorophenol	10.267	162	163035	51.921	ng	98
30) 1,2,4-Trichlorobenzene	10.478	180	169185	46.720	ng	99
31) Naphthalene	10.666	128	485479	45.511	ng	100
32) Benzoic acid	9.961	122	114056	49.268	ng	97
33) 4-Chloroaniline	10.778	127	140860	31.254	ng	97
34) Hexachlorobutadiene	10.942	225	106067	45.482	ng	98
35) Caprolactam	11.565	113	61314m	52.877	ng	
36) 4-Chloro-3-methylphenol	11.912	107	202587	52.155	ng	100
37) 2-Methylnaphthalene	12.276	142	343032	44.955	ng	96
38) 1-Methylnaphthalene	12.499	142	333138	45.928	ng	96
40) 1,2,4,5-Tetrachloroben...	12.652	216	201737	44.519	ng	99
41) Hexachlorocyclopentadiene	12.623	237	201854	94.549	ng	97
43) 2,4,6-Trichlorophenol	12.893	196	152572	48.951	ng	98

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44) 2,4,5-Trichlorophenol	12.969	196	167925	45.741	ng	97
46) 1,1'-Biphenyl	13.293	154	468520	46.221	ng	99
47) 2-Chloronaphthalene	13.334	162	371277	46.976	ng	99
48) 2-Nitroaniline	13.545	65	150375	49.847	ng	98
49) Acenaphthylene	14.186	152	627787	47.443	ng	100
50) Dimethylphthalate	13.921	163	524007	47.271	ng	99
51) 2,6-Dinitrotoluene	14.045	165	118706	48.804	ng	98
52) Acenaphthene	14.526	154	351662	45.994	ng	99
53) 3-Nitroaniline	14.380	138	85841	35.275	ng	96
54) 2,4-Dinitrophenol	14.591	184	146726	104.483	ng	98
55) Dibenzofuran	14.861	168	604498	46.011	ng	99
56) 4-Nitrophenol	14.697	139	184486	101.382	ng	93
57) 2,4-Dinitrotoluene	14.838	165	169259	50.194	ng	96
58) Fluorene	15.514	166	491025	47.046	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.091	232	158634	50.639	ng	98
60) Diethylphthalate	15.284	149	537895	47.630	ng	100
61) 4-Chlorophenyl-phenyle...	15.502	204	270643	46.512	ng	99
62) 4-Nitroaniline	15.543	138	119089	51.660	ng	99
63) Azobenzene	15.796	77	519718	46.723	ng	99
65) 4,6-Dinitro-2-methylph...	15.602	198	107715	53.769	ng	100
66) n-Nitrosodiphenylamine	15.719	169	443528	46.904	ng	99
67) 4-Bromophenyl-phenylether	16.395	248	187425	45.483	ng	99
68) Hexachlorobenzene	16.512	284	213650	48.928	ng	99
69) Atrazine	16.671	200	182341	57.121	ng	100
70) Pentachlorophenol	16.865	266	228307	86.381	ng	98
71) Phenanthrene	17.253	178	808195	46.906	ng	99
72) Anthracene	17.341	178	826063	46.724	ng	99
73) Carbazole	17.611	167	775931	49.770	ng	99
74) Di-n-butylphthalate	18.163	149	955504	48.931	ng	100
75) Fluoranthene	19.262	202	989585	47.813	ng	99
77) Benzidine	19.450	184	417672	85.882	ng	99
78) Pyrene	19.626	202	1023531	46.894	ng	99
80) Butylbenzylphthalate	20.514	149	425146	47.421	ng	100
81) Benzo(a)anthracene	21.430	228	1053444	47.729	ng	100
82) 3,3'-Dichlorobenzidine	21.354	252	312610	41.891	ng	99
83) Chrysene	21.495	228	979519	46.288	ng	100
84) Bis(2-ethylhexyl)phtha...	21.336	149	615316	46.966	ng	98
85) Di-n-octyl phthalate	22.488	149	1096283	47.595	ng	100
87) Indeno(1,2,3-cd)pyrene	28.028	276	1341441	49.764	ng	100
88) Benzo(b)fluoranthene	23.545	252	1125835	51.229	ng	99
89) Benzo(k)fluoranthene	23.610	252	1065099	48.243	ng	99
90) Benzo(a)pyrene	24.380	252	1004416	46.539	ng	99
91) Dibenzo(a,h)anthracene	28.075	278	1111285	49.858	ng	98
92) Benzo(g,h,i)perylene	29.115	276	1089879	48.764	ng	98

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

