

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080723\
 Data File : BG058623.D
 Acq On : 7 Aug 2023 12:11
 Operator : MA/JU
 Sample : PB154530BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154530BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/07/2023
 Supervised By :mohammad ahmed 08/08/2023

Quant Time: Aug 07 13:00:27 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	7.814	152	43754	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	193750	20.000	ng	0.00
39) Acenaphthene-d10	14.465	164	145163	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	365347	20.000	ng	0.00
76) Chrysene-d12	21.451	240	322013	20.000	ng	0.00
86) Perylene-d12	24.524	264	405292	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	425356	148.590	ng	0.00
7) Phenol-d6	6.991	99	594949	149.361	ng	0.00
23) Nitrobenzene-d5	8.977	82	356149	90.302	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	324619	136.433	ng	0.00
45) 2-Fluorobiphenyl	13.084	172	830407	85.727	ng	0.00
79) Terphenyl-d14	19.829	244	1598032	93.324	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.266	88	48468	34.941	ng	99
3) Pyridine	3.660	79	124988	33.049	ng	97
4) n-Nitrosodimethylamine	3.584	42	70165	43.788	ng	98
6) Aniline	7.138	93	199967	40.774	ng	98
8) 2-Chlorophenol	7.379	128	155623	55.415	ng	99
9) Benzaldehyde	6.950	77	65854	30.430	ng	99
10) Phenol	7.015	94	218917	56.262	ng	99
11) bis(2-Chloroethyl)ether	7.238	93	146434	47.736	ng	98
12) 1,3-Dichlorobenzene	7.702	146	143671	47.910	ng	100
13) 1,4-Dichlorobenzene	7.849	146	148021	49.160	ng	99
14) 1,2-Dichlorobenzene	8.166	146	145995	50.715	ng	97
15) Benzyl Alcohol	8.055	79	150585	59.611	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.343	45	254741	51.123	ng	99
17) 2-Methylphenol	8.266	107	148355	52.145	ng	97
18) Hexachloroethane	8.889	117	54300	49.616	ng	96
19) n-Nitroso-di-n-propyla...	8.619	70	127971	49.738	ng	99
20) 3+4-Methylphenols	8.589	107	208436	54.162	ng	99
22) Acetophenone	8.636	105	246313	47.479	ng	98
24) Nitrobenzene	9.018	77	183711	45.818	ng	97
25) Isophorone	9.541	82	383342	47.042	ng	100
26) 2-Nitrophenol	9.729	139	86024	49.287	ng	98
27) 2,4-Dimethylphenol	9.794	122	145234	50.166	ng	98
28) bis(2-Chloroethoxy)met...	10.023	93	214146	48.288	ng	99
29) 2,4-Dichlorophenol	10.270	162	157923	52.537	ng	98
30) 1,2,4-Trichlorobenzene	10.481	180	161553	46.603	ng	98
31) Naphthalene	10.664	128	470575	46.082	ng	99
32) Benzoic acid	9.958	122	114806	51.570	ng	97
33) 4-Chloroaniline	10.781	127	135829	31.482	ng	98
34) Hexachlorobutadiene	10.946	225	101343	45.395	ng	99
35) Caprolactam	11.562	113	61234m	55.164	ng	
36) 4-Chloro-3-methylphenol	11.915	107	199488	53.648	ng	99
37) 2-Methylnaphthalene	12.279	142	334969	45.857	ng	99
38) 1-Methylnaphthalene	12.503	142	323872	46.643	ng	99
40) 1,2,4,5-Tetrachloroben...	12.649	216	195393	43.843	ng	99
41) Hexachlorocyclopentadiene	12.626	237	197331	94.024	ng	98
43) 2,4,6-Trichlorophenol	12.896	196	149160	48.660	ng	94

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44) 2,4,5-Trichlorophenol	12.973	196	166134	46.014	ng	98
46) 1,1'-Biphenyl	13.296	154	453185	45.459	ng	99
47) 2-Chloronaphthalene	13.337	162	361419	46.497	ng	99
48) 2-Nitroaniline	13.548	65	147735	49.795	ng	97
49) Acenaphthylene	14.189	152	614435	47.215	ng	100
50) Dimethylphthalate	13.924	163	518885	47.595	ng	99
51) 2,6-Dinitrotoluene	14.048	165	117776	49.235	ng	99
52) Acenaphthene	14.530	154	345476	45.944	ng	98
53) 3-Nitroaniline	14.377	138	82998	34.679	ng	98
54) 2,4-Dinitrophenol	14.594	184	145354	105.191	ng	96
55) Dibenzofuran	14.864	168	597461	46.239	ng	99
56) 4-Nitrophenol	14.700	139	184011	102.773	ng	97
57) 2,4-Dinitrotoluene	14.841	165	168997	50.959	ng	97
58) Fluorene	15.511	166	480602	46.822	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.094	232	158156	51.334	ng	99
60) Diethylphthalate	15.282	149	538273	48.464	ng	100
61) 4-Chlorophenyl-phenyle...	15.505	204	266662	46.598	ng	98
62) 4-Nitroaniline	15.546	138	120667	53.224	ng	99
63) Azobenzene	15.799	77	517599	47.314	ng	99
65) 4,6-Dinitro-2-methylph...	15.605	198	105539	52.390	ng	98
66) n-Nitrosodiphenylamine	15.722	169	436653	45.920	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	188034	45.377	ng	99
68) Hexachlorobenzene	16.515	284	211146	48.086	ng	99
69) Atrazine	16.674	200	181069	56.408	ng	99
70) Pentachlorophenol	16.862	266	227341	85.538	ng	99
71) Phenanthrene	17.250	178	806105	46.525	ng	100
72) Anthracene	17.344	178	817936	46.008	ng	100
73) Carbazole	17.614	167	780825	49.806	ng	100
74) Di-n-butylphthalate	18.166	149	948464	48.301	ng	100
75) Fluoranthene	19.265	202	992512	47.688	ng	99
77) Benzidine	19.453	184	430945	88.254	ng	98
78) Pyrene	19.629	202	1021764	46.624	ng	98
80) Butylbenzylphthalate	20.517	149	419352	46.586	ng	99
81) Benzo(a)anthracene	21.433	228	1032717	46.601	ng	100
82) 3,3'-Dichlorobenzidine	21.357	252	301615	40.254	ng	100
83) Chrysene	21.498	228	965582	45.445	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	618258	47.000	ng	99
85) Di-n-octyl phthalate	22.491	149	1099286	47.532	ng	100
87) Indeno(1,2,3-cd)pyrene	28.025	276	1318758	48.910	ng	# 90
88) Benzo(b)fluoranthene	23.548	252	1095220	49.823	ng	99
89) Benzo(k)fluoranthene	23.619	252	1055201	47.783	ng	99
90) Benzo(a)pyrene	24.383	252	976783	45.247	ng	99
91) Dibenzo(a,h)anthracene	28.084	278	1088851	48.840	ng	99
92) Benzo(g,h,i)perylene	29.124	276	1069009	47.818	ng	98

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

