

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011723\
 Data File : BG056310.D
 Acq On : 17 Jan 2023 11:31
 Operator : CG/JU
 Sample : PB150221BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150221BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/18/2023
 Supervised By : Jagrut Upadhyay 01/18/2023

Quant Time: Jan 18 02:44:58 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	8.317	152	38506	20.000	ng	0.00
21) Naphthalene-d8	11.149	136	153644	20.000	ng	0.00
39) Acenaphthene-d10	14.927	164	127997	20.000	ng	0.00
64) Phenanthrene-d10	17.665	188	313395	20.000	ng	0.00
76) Chrysene-d12	21.960	240	302959	20.000	ng	# 0.00
86) Perylene-d12	25.403	264	330059	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.838	112	376767	174.704	ng	0.01
7) Phenol-d6	7.453	99	525919	158.796	ng	0.00
23) Nitrobenzene-d5	9.492	82	282674	94.109	ng	0.00
42) 2,4,6-Tribromophenol	16.407	330	240431	148.317	ng	0.00
45) 2-Fluorobiphenyl	13.558	172	912020	98.393	ng	0.00
79) Terphenyl-d14	20.238	244	1745877	103.214	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.646	88	37799	38.373	ng	94
3) Pyridine	4.063	79	107931	35.975	ng	96
4) n-Nitrosodimethylamine	3.975	42	27262	44.670	ng	# 88
6) Aniline	7.630	93	163728	37.697	ng	97
8) 2-Chlorophenol	7.876	128	122607	57.132	ng	95
9) Benzaldehyde	7.442	77	62925	31.954	ng	93
10) Phenol	7.483	94	181030	53.898	ng	98
11) bis(2-Chloroethyl)ether	7.718	93	111544	49.006	ng	97
12) 1,3-Dichlorobenzene	8.205	146	139925	53.573	ng	95
13) 1,4-Dichlorobenzene	8.352	146	143801	54.827	ng	97
14) 1,2-Dichlorobenzene	8.675	146	139474	55.112	ng	98
15) Benzyl Alcohol	8.546	79	118644	49.222	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.840	45	23283	57.886	ng	82
17) 2-Methylphenol	8.746	107	125251	50.821	ng	98
18) Hexachloroethane	9.416	117	45574	57.198	ng	90
19) n-Nitroso-di-n-propyla...	9.116	70	90725	45.049	ng	# 97
20) 3+4-Methylphenols	9.075	107	168022	48.491	ng	99
22) Acetophenone	9.140	105	200554	46.165	ng	# 98
24) Nitrobenzene	9.533	77	137296	46.124	ng	99
25) Isophorone	10.050	82	269067	42.575	ng	97
26) 2-Nitrophenol	10.250	139	75874	49.818	ng	98
27) 2,4-Dimethylphenol	10.291	122	137577	49.526	ng	96
28) bis(2-Chloroethoxy)met...	10.526	93	155808	47.435	ng	98
29) 2,4-Dichlorophenol	10.785	162	160436	52.241	ng	98
30) 1,2,4-Trichlorobenzene	11.002	180	174373	50.034	ng	98
31) Naphthalene	11.202	128	394513	48.789	ng	99
32) Benzoic acid	10.420	122	90418	43.869	ng	90
33) 4-Chloroaniline	11.296	127	98040	25.395	ng	97
34) Hexachlorobutadiene	11.472	225	127974	51.056	ng	97
35) Caprolactam	12.060	113	46322m	44.550	ng	
36) 4-Chloro-3-methylphenol	12.389	107	149292	47.907	ng	97
37) 2-Methylnaphthalene	12.782	142	310477	45.474	ng	98
38) 1-Methylnaphthalene	12.994	142	292112	46.073	ng	97
40) 1,2,4,5-Tetrachloroben...	13.141	216	238727	49.763	ng	99
41) Hexachlorocyclopentadiene	13.117	237	326591	119.409	ng	95
43) 2,4,6-Trichlorophenol	13.370	196	159205	50.188	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.440	196	173760	46.305	ng	98
46) 1,1'-Biphenyl	13.764	154	463138	50.524	ng	99
47) 2-Chloronaphthalene	13.816	162	366454	50.647	ng	100
48) 2-Nitroaniline	14.010	65	75890	49.228	ng	97
49) Acenaphthylene	14.657	152	567285	48.179	ng	99
50) Dimethylphthalate	14.369	163	476222	46.089	ng	99
51) 2,6-Dinitrotoluene	14.492	165	105780	48.045	ng	97
52) Acenaphthene	14.992	154	420097m	54.858	ng	
53) 3-Nitroaniline	14.821	138	66916	31.935	ng	100
54) 2,4-Dinitrophenol	15.027	184	154648	98.322	ng	# 93
55) Dibenzofuran	15.321	168	594012	46.874	ng	98
56) 4-Nitrophenol	15.115	139	155884	96.730	ng	91
57) 2,4-Dinitrotoluene	15.274	165	147708	47.971	ng	92
58) Fluorene	15.967	166	476918	46.790	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.538	232	172857	49.060	ng	97
60) Diethylphthalate	15.714	149	444922	45.915	ng	99
61) 4-Chlorophenyl-phenylether	15.949	204	299800	47.132	ng	99
62) 4-Nitroaniline	15.984	138	96424	44.924	ng	94
63) Azobenzene	16.243	77	338881	45.319	ng	98
65) 4,6-Dinitro-2-methylph...	16.037	198	103783	49.152	ng	94
66) n-Nitrosodiphenylamine	16.161	169	435937	50.135	ng	99
67) 4-Bromophenyl-phenylether	16.842	248	200248	50.178	ng	99
68) Hexachlorobenzene	16.972	284	199985	53.712	ng	98
69) Atrazine	17.095	200	185107	51.366	ng	98
70) Pentachlorophenol	17.312	266	260779	91.178	ng	99
71) Phenanthrene	17.706	178	813888	50.113	ng	99
72) Anthracene	17.800	178	825326	49.262	ng	100
73) Carbazole	18.058	167	703280	49.939	ng	98
74) Di-n-butylphthalate	18.593	149	716540	51.042	ng	100
75) Fluoranthene	19.698	202	1015414	47.930	ng	99
77) Benzidine	19.862	184	378578	35.658	ng	99
78) Pyrene	20.056	202	1044248	48.902	ng	99
80) Butylbenzylphthalate	20.914	149	313700	51.206	ng	99
81) Benzo(a)anthracene	21.936	228	1055906	49.622	ng	100
82) 3,3'-Dichlorobenzidine	21.842	252	270130	35.265	ng	99
83) Chrysene	22.013	228	985117	49.424	ng	99
84) Bis(2-ethylhexyl)phtha...	21.801	149	452163	51.230	ng	100
85) Di-n-octyl phthalate	23.088	149	781237	52.432	ng	100
87) Indeno(1,2,3-cd)pyrene	29.369	276	1253459	52.219	ng	# 99
88) Benzo(b)fluoranthene	24.304	252	1127766	53.778	ng	99
89) Benzo(k)fluoranthene	24.375	252	1086143	52.012	ng	99
90) Benzo(a)pyrene	25.244	252	991114	48.456	ng	# 99
91) Dibenzo(a,h)anthracene	29.433	278	1052842	52.315	ng	99
92) Benzo(g,h,i)perylene	30.614	276	998839	51.181	ng	100

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

