

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040723\
 Data File : BG057024.D
 Acq On : 7 Apr 2023 13:11
 Operator : CG/JU
 Sample : PB151961BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151961BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/10/2023
 Supervised By : Jagrut Upadhyay 04/10/2023

Quant Time: Apr 08 04:48:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 08 04:45:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.407	152	14496	20.000	ng	0.00
21) Naphthalene-d8	11.250	136	61526	20.000	ng	0.00
39) Acenaphthene-d10	15.022	164	49253	20.000	ng	0.00
64) Phenanthrene-d10	17.765	188	120537	20.000	ng	0.00
76) Chrysene-d12	22.089	240	103612	20.000	ng	0.00
86) Perylene-d12	25.631	264	107642	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.916	112	106515	117.599	ng	0.00
7) Phenol-d6	7.543	99	154514	114.061	ng	0.00
23) Nitrobenzene-d5	9.588	82	94977	63.164	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	84088	106.869	ng	0.00
45) 2-Fluorobiphenyl	13.653	172	237252	65.319	ng	0.00
79) Terphenyl-d14	20.332	244	440161	71.886	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.719	88	13730	34.580	ng	96
3) Pyridine	4.136	79	36759	28.744	ng	96
4) n-Nitrosodimethylamine	4.048	42	21033	35.772	ng	100
6) Aniline	7.720	93	60706	35.054	ng	96
8) 2-Chlorophenol	7.966	128	44777	49.632	ng	93
9) Benzaldehyde	7.526	77	31522	37.099	ng	93
10) Phenol	7.573	94	64428	47.999	ng	96
11) bis(2-Chloroethyl)ether	7.808	93	40932	42.809	ng	92
12) 1,3-Dichlorobenzene	8.295	146	44511	44.651	ng	97
13) 1,4-Dichlorobenzene	8.442	146	46386	46.105	ng	99
14) 1,2-Dichlorobenzene	8.771	146	44482	45.763	ng	95
15) Benzyl Alcohol	8.642	79	49787	44.231	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.930	45	49595m	43.039	ng	
17) 2-Methylphenol	8.842	107	43663	45.594	ng	93
18) Hexachloroethane	9.511	117	16921	46.015	ng	# 79
19) n-Nitroso-di-n-propyla...	9.212	70	39052	40.304	ng	98
20) 3+4-Methylphenols	9.171	107	59311	44.292	ng	93
22) Acetophenone	9.235	105	73880	40.354	ng	98
24) Nitrobenzene	9.629	77	61080	39.731	ng	95
25) Isophorone	10.152	82	108313	37.827	ng	98
26) 2-Nitrophenol	10.351	139	25634	43.200	ng	86
27) 2,4-Dimethylphenol	10.387	122	47468	45.307	ng	91
28) bis(2-Chloroethoxy)met...	10.628	93	57487	40.102	ng	95
29) 2,4-Dichlorophenol	10.886	162	49294	43.749	ng	97
30) 1,2,4-Trichlorobenzene	11.109	180	52182	43.587	ng	96
31) Naphthalene	11.303	128	136540	40.715	ng	98
32) Benzoic acid	10.516	122	29067m	40.389	ng	
33) 4-Chloroaniline	11.403	127	45202	29.844	ng	95
34) Hexachlorobutadiene	11.579	225	38771	43.112	ng	96
35) Caprolactam	12.167	113	16316m	41.990	ng	
36) 4-Chloro-3-methylphenol	12.490	107	54056	42.900	ng	98
37) 2-Methylnaphthalene	12.877	142	104386	39.219	ng	98
38) 1-Methylnaphthalene	13.095	142	95639	38.267	ng	98
40) 1,2,4,5-Tetrachloroben...	13.242	216	71337	41.767	ng	98
41) Hexachlorocyclopentadiene	13.212	237	101014	107.343	ng	100
43) 2,4,6-Trichlorophenol	13.465	196	46880	43.013	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.541	196	51596	39.961	ng	97
46) 1,1'-Biphenyl	13.864	154	152385	42.265	ng	99
47) 2-Chloronaphthalene	13.911	162	115840	43.441	ng	97
48) 2-Nitroaniline	14.105	65	38381	40.253	ng	93
49) Acenaphthylene	14.751	152	182074	41.558	ng	99
50) Dimethylphthalate	14.464	163	157045	40.467	ng	98
51) 2,6-Dinitrotoluene	14.587	165	35398	42.217	ng	92
52) Acenaphthene	15.092	154	141583m	46.856	ng	
53) 3-Nitroaniline	14.922	138	24891	29.991	ng	87
54) 2,4-Dinitrophenol	15.127	184	46893	99.360	ng	92
55) Dibenzofuran	15.421	168	184108	40.596	ng	98
56) 4-Nitrophenol	15.215	139	53699	87.498	ng	91
57) 2,4-Dinitrotoluene	15.374	165	49351	41.731	ng	95
58) Fluorene	16.067	166	154345	41.128	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.638	232	50587	43.030	ng	# 99
60) Diethylphthalate	15.809	149	159164	40.911	ng	99
61) 4-Chlorophenyl-phenyle...	16.044	204	89167	40.469	ng	98
62) 4-Nitroaniline	16.079	138	35976	41.838	ng	87
63) Azobenzene	16.337	77	153021	39.467	ng	99
65) 4,6-Dinitro-2-methylph...	16.138	198	32434	44.429	ng	99
66) n-Nitrosodiphenylamine	16.261	169	133344	41.210	ng	97
67) 4-Bromophenyl-phenylether	16.937	248	60758	40.738	ng	97
68) Hexachlorobenzene	17.072	284	66690	45.229	ng	97
69) Atrazine	17.189	200	57639	42.913	ng	93
70) Pentachlorophenol	17.412	266	79738	75.379	ng	97
71) Phenanthrene	17.806	178	252817	41.138	ng	99
72) Anthracene	17.900	178	259252	41.151	ng	100
73) Carbazole	18.164	167	228707	41.638	ng	96
74) Di-n-butylphthalate	18.681	149	261181	41.063	ng	99
75) Fluoranthene	19.792	202	303648	38.977	ng	98
77) Benzidine	19.956	184	146746	51.816	ng	98
78) Pyrene	20.156	202	302338	42.189	ng	97
80) Butylbenzylphthalate	21.013	149	107219	43.478	ng	90
81) Benzo(a)anthracene	22.065	228	293932	40.995	ng	99
82) 3,3'-Dichlorobenzidine	21.959	252	75839	31.324	ng	100
83) Chrysene	22.136	228	268991	40.068	ng	99
84) Bis(2-ethylhexyl)phtha...	21.912	149	149427	41.845	ng	97
85) Di-n-octyl phthalate	23.228	149	253013	42.045	ng	98
87) Indeno(1,2,3-cd)pyrene	29.725	276	339302	42.651	ng	98
88) Benzo(b)fluoranthene	24.491	252	303839	45.139	ng	98
89) Benzo(k)fluoranthene	24.573	252	287580	42.795	ng	98
90) Benzo(a)pyrene	25.460	252	262482	39.683	ng	100
91) Dibenzo(a,h)anthracene	29.790	278	288794	44.164	ng	96
92) Benzo(g,h,i)perylene	31.012	276	270866	42.303	ng	98

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

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