

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082223\
 Data File : BG058803.D
 Acq On : 22 Aug 2023 10:50
 Operator : MA/JU
 Sample : PB154882BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB154882BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/12/2023

Quant Time: Aug 22 11:32:44 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Aug 21 01:40:57 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	23039	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	103539	20.000	ng	0.00
39) Acenaphthene-d10	14.459	164	74678	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	175650	20.000	ng	0.00
76) Chrysene-d12	21.451	240	150468	20.000	ng	0.00
86) Perylene-d12	24.518	264	186999	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	212020	148.095	ng	0.00
7) Phenol-d6	6.985	99	292112	145.428	ng	0.00
23) Nitrobenzene-d5	8.977	82	179426	83.315	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	148820	127.095	ng	0.00
45) 2-Fluorobiphenyl	13.078	172	427571	83.275	ng	0.00
79) Terphenyl-d14	19.823	244	766970	91.525	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.260	88	23306	34.625	ng	94
3) Pyridine	3.660	79	58861	33.093	ng	92
4) n-Nitrosodimethylamine	3.583	42	40754	42.145	ng	91
6) Aniline	7.132	93	113385	46.178	ng	98
8) 2-Chlorophenol	7.373	128	79334	54.805	ng	99
9) Benzaldehyde	6.944	77	51978m	46.133	ng	
10) Phenol	7.009	94	105091	54.258	ng	97
11) bis(2-Chloroethyl)ether	7.232	93	72092	47.701	ng	95
12) 1,3-Dichlorobenzene	7.696	146	77131	50.163	ng	97
13) 1,4-Dichlorobenzene	7.843	146	79466	51.108	ng	98
14) 1,2-Dichlorobenzene	8.160	146	76463	50.881	ng	98
15) Benzyl Alcohol	8.049	79	77853	54.211	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.331	45	163163	50.658	ng	99
17) 2-Methylphenol	8.254	107	73279	51.511	ng	96
18) Hexachloroethane	8.883	117	29107	51.380	ng	97
19) n-Nitroso-di-n-propyla...	8.613	70	63091	48.591	ng	98
20) 3+4-Methylphenols	8.589	107	97967	51.223	ng	98
22) Acetophenone	8.630	105	125861	44.906	ng	97
24) Nitrobenzene	9.018	77	94759	44.240	ng	99
25) Isophorone	9.535	82	184377	43.051	ng	98
26) 2-Nitrophenol	9.729	139	41676	46.523	ng	95
27) 2,4-Dimethylphenol	9.788	122	77559	51.085	ng	97
28) bis(2-Chloroethoxy)met...	10.017	93	103620	45.677	ng	98
29) 2,4-Dichlorophenol	10.264	162	76898	49.291	ng	94
30) 1,2,4-Trichlorobenzene	10.475	180	86982	46.171	ng	94
31) Naphthalene	10.657	128	243432	44.778	ng	100
32) Benzoic acid	9.958	122	39438	43.056	ng	94
33) 4-Chloroaniline	10.775	127	90217	39.348	ng	98
34) Hexachlorobutadiene	10.939	225	58987	46.392	ng	98
35) Caprolactam	11.556	113	25890m	46.312	ng	
36) 4-Chloro-3-methylphenol	11.909	107	94132	48.519	ng	99
37) 2-Methylnaphthalene	12.273	142	170899	43.769	ng	99
38) 1-Methylnaphthalene	12.496	142	161176	43.485	ng	100
40) 1,2,4,5-Tetrachloroben...	12.649	216	99956	43.417	ng	98
41) Hexachlorocyclopentadiene	12.620	237	105054	112.035	ng	94
43) 2,4,6-Trichlorophenol	12.890	196	70992	48.462	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.972	196	75661	43.131	ng	96
46) 1,1'-Biphenyl	13.290	154	225160	43.768	ng	97
47) 2-Chloronaphthalene	13.331	162	182135	45.431	ng	99
48) 2-Nitroaniline	13.542	65	68426	44.940	ng	98
49) Acenaphthylene	14.177	152	289376	43.526	ng	98
50) Dimethylphthalate	13.918	163	246015	42.547	ng	99
51) 2,6-Dinitrotoluene	14.042	165	53958	44.419	ng	100
52) Acenaphthene	14.523	154	168033	43.250	ng	99
53) 3-Nitroaniline	14.376	138	48734	41.596	ng	# 98
54) 2,4-Dinitrophenol	14.588	184	50659	75.079	ng	98
55) Dibenzofuran	14.858	168	290549	43.354	ng	98
56) 4-Nitrophenol	14.694	139	79138	92.624	ng	96
57) 2,4-Dinitrotoluene	14.835	165	77345	45.650	ng	# 96
58) Fluorene	15.505	166	232657	43.621	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.087	232	69005	48.205	ng	97
60) Diethylphthalate	15.275	149	254653	42.716	ng	99
61) 4-Chlorophenyl-phenyle...	15.499	204	130399	44.110	ng	98
62) 4-Nitroaniline	15.546	138	53425	44.933	ng	96
63) Azobenzene	15.792	77	234895	42.910	ng	99
65) 4,6-Dinitro-2-methylph...	15.604	198	45975	46.306	ng	97
66) n-Nitrosodiphenylamine	15.716	169	207198	45.768	ng	99
67) 4-Bromophenyl-phenylether	16.392	248	87231	45.256	ng	98
68) Hexachlorobenzene	16.509	284	98245	47.359	ng	100
69) Atrazine	16.668	200	86659	54.089	ng	96
70) Pentachlorophenol	16.862	266	93850	86.275	ng	97
71) Phenanthrene	17.250	178	381690	45.264	ng	99
72) Anthracene	17.338	178	387037	45.764	ng	99
73) Carbazole	17.614	167	359486	46.417	ng	99
74) Di-n-butylphthalate	18.160	149	440068	45.043	ng	100
75) Fluoranthene	19.265	202	461773	44.159	ng	99
77) Benzidine	19.447	184	278293	103.199	ng	98
78) Pyrene	19.623	202	477807	45.574	ng	99
80) Butylbenzylphthalate	20.510	149	192636	45.305	ng	98
81) Benzo(a)anthracene	21.427	228	475708	45.418	ng	98
82) 3,3'-Dichlorobenzidine	21.351	252	174701	48.312	ng	100
83) Chrysene	21.492	228	443426	43.922	ng	99
84) Bis(2-ethylhexyl)phtha...	21.327	149	280837	45.033	ng	98
85) Di-n-octyl phthalate	22.479	149	491852	45.854	ng	99
87) Indeno(1,2,3-cd)pyrene	28.013	276	587752	46.456	ng	# 93
88) Benzo(b)fluoranthene	23.542	252	506869	48.852	ng	100
89) Benzo(k)fluoranthene	23.607	252	495443	46.301	ng	98
90) Benzo(a)pyrene	24.371	252	450572	44.103	ng	98
91) Dibenzo(a,h)anthracene	28.072	278	482360	46.398	ng	99
92) Benzo(g,h,i)perylene	29.118	276	479646	46.146	ng	97

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

