

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062922\
 Data File : BG054141.D
 Acq On : 29 Jun 2022 12:12
 Operator : CG/JU
 Sample : PB145861BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB145861BS

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 06/30/2022
 Supervised By : Jagrut Upadhyay 07/01/2022

Quant Time: Jun 29 13:48:02 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 27 00:27:54 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.071	152	21859	20.000	ng	0.00
21) Naphthalene-d8	10.879	136	96084	20.000	ng	0.00
39) Acenaphthene-d10	14.698	164	75430	20.000	ng	0.00
64) Phenanthrene-d10	17.442	188	191473	20.000	ng	0.00
76) Chrysene-d12	21.719	240	192404	20.000	ng	0.00
86) Perylene-d12	24.980	264	198494	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	154405	135.051	ng	0.00
7) Phenol-d6	7.236	99	214840	138.519	ng	0.00
23) Nitrobenzene-d5	9.228	82	132854	77.702	ng	0.00
42) 2,4,6-Tribromophenol	16.185	330	144847	119.519	ng	0.00
45) 2-Fluorobiphenyl	13.323	172	395362	76.218	ng	0.00
79) Terphenyl-d14	20.051	244	807737	84.554	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.517	88	14512	29.036	ng	97
3) Pyridine	3.917	79	40431	30.315	ng	92
4) n-Nitrosodimethylamine	3.828	42	24664	42.042	ng	# 88
6) Aniline	7.389	93	74200	40.351	ng	99
8) 2-Chlorophenol	7.636	128	60378	49.459	ng	93
9) Benzaldehyde	7.201	77	38021m	41.536	ng	
10) Phenol	7.260	94	76257	48.515	ng	98
11) bis(2-Chloroethyl)ether	7.483	93	51238	42.470	ng	95
12) 1,3-Dichlorobenzene	7.959	146	61753	40.370	ng	92
13) 1,4-Dichlorobenzene	8.106	146	62680	40.792	ng	99
14) 1,2-Dichlorobenzene	8.429	146	61991	42.026	ng	97
15) Benzyl Alcohol	8.306	79	57077	49.238	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.593	45	80656	44.721	ng	98
17) 2-Methylphenol	8.511	107	54294	49.724	ng	92
18) Hexachloroethane	9.158	117	21613	42.400	ng	# 80
19) n-Nitroso-di-n-propyla...	8.870	70	47116	45.217	ng	96
20) 3+4-Methylphenols	8.840	107	73817	48.205	ng	95
22) Acetophenone	8.893	105	91086	39.000	ng	96
24) Nitrobenzene	9.275	77	67532	40.109	ng	# 89
25) Isophorone	9.798	82	130176	40.766	ng	# 94
26) 2-Nitrophenol	9.986	139	34397	46.253	ng	# 79
27) 2,4-Dimethylphenol	10.045	122	60585	50.333	ng	93
28) bis(2-Chloroethoxy)met...	10.274	93	77090	44.813	ng	99
29) 2,4-Dichlorophenol	10.527	162	73306	45.423	ng	87
30) 1,2,4-Trichlorobenzene	10.744	180	74221	37.142	ng	97
31) Naphthalene	10.932	128	184544	38.046	ng	99
32) Benzoic acid	10.192	122	26845	50.441	ng	# 84
33) 4-Chloroaniline	11.038	127	68934	34.256	ng	93
34) Hexachlorobutadiene	11.214	225	55424	36.075	ng	98
35) Caprolactam	11.801	113	21780m	49.023	ng	
36) 4-Chloro-3-methylphenol	12.154	107	71852	45.800	ng	# 83
37) 2-Methylnaphthalene	12.530	142	144679	40.314	ng	97
38) 1-Methylnaphthalene	12.747	142	136760	39.137	ng	99
40) 1,2,4,5-Tetrachloroben...	12.900	216	108859	37.454	ng	96
41) Hexachlorocyclopentadiene	12.883	237	104654	77.327	ng	96
43) 2,4,6-Trichlorophenol	13.135	196	68192	41.768	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.212	196	74778	41.020	ng	# 93
46) 1,1'-Biphenyl	13.529	154	208534	39.689	ng	99
47) 2-Chloronaphthalene	13.576	162	167337	39.354	ng	96
48) 2-Nitroaniline	13.770	65	50517	44.661	ng	91
49) Acenaphthylene	14.422	152	262547	39.708	ng	99
50) Dimethylphthalate	14.146	163	224954	39.159	ng	99
51) 2,6-Dinitrotoluene	14.263	165	50590	43.588	ng	# 76
52) Acenaphthene	14.763	154	187993m	44.604	ng	
53) 3-Nitroaniline	14.592	138	39209	34.869	ng	# 86
54) 2,4-Dinitrophenol	14.804	184	54511	84.665	ng	# 78
55) Dibenzofuran	15.098	168	270451	39.827	ng	95
56) 4-Nitrophenol	14.910	139	70003	87.687	ng	86
57) 2,4-Dinitrotoluene	15.057	165	73236	44.678	ng	# 82
58) Fluorene	15.744	166	221665	39.757	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.321	232	72970	40.931	ng	# 90
60) Diethylphthalate	15.509	149	224469	40.348	ng	96
61) 4-Chlorophenyl-phenyle...	15.732	204	133710	40.058	ng	# 88
62) 4-Nitroaniline	15.756	138	46608	39.746	ng	# 73
63) Azobenzene	16.026	77	179641	40.115	ng	90
65) 4,6-Dinitro-2-methylph...	15.820	198	42442	44.430	ng	87
66) n-Nitrosodiphenylamine	15.944	169	201990	40.478	ng	96
67) 4-Bromophenyl-phenylether	16.625	248	94702	39.601	ng	92
68) Hexachlorobenzene	16.755	284	105004	38.386	ng	# 93
69) Atrazine	16.890	200	92549	44.770	ng	96
70) Pentachlorophenol	17.095	266	103040	81.090	ng	98
71) Phenanthrene	17.483	178	379279	38.555	ng	98
72) Anthracene	17.577	178	388599	40.452	ng	99
73) Carbazole	17.841	167	336258	40.781	ng	99
74) Di-n-butylphthalate	18.394	149	395203	41.453	ng	# 98
75) Fluoranthene	19.492	202	479026	37.094	ng	98
77) Benzidine	19.663	184	241045	60.496	ng	98
78) Pyrene	19.851	202	479810	41.289	ng	98
80) Butylbenzylphthalate	20.732	149	165671	44.478	ng	91
81) Benzo(a)anthracene	21.702	228	484242	38.871	ng	99
82) 3,3'-Dichlorobenzidine	21.608	252	141408	37.992	ng	97
83) Chrysene	21.766	228	453377	38.180	ng	96
84) Bis(2-ethylhexyl)phtha...	21.602	149	235488	44.205	ng	95
85) Di-n-octyl phthalate	22.824	149	397647	43.429	ng	96
87) Indeno(1,2,3-cd)pyrene	28.723	276	555646	37.094	ng	# 94
88) Benzo(b)fluoranthene	23.946	252	491325	40.710	ng	99
89) Benzo(k)fluoranthene	24.011	252	486806	40.739	ng	99
90) Benzo(a)pyrene	24.827	252	441860	43.392	ng	# 99
91) Dibenzo(a,h)anthracene	28.776	278	490378	39.589	ng	99
92) Benzo(g,h,i)perylene	29.880	276	477417	39.056	ng	95

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

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