

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070722\
 Data File : BG054223.D
 Acq On : 7 Jul 2022 13:21
 Operator : CG/JU
 Sample : PB146067BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB146067BS

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 07/08/2022
 Supervised By : Jagrut Upadhyay 07/08/2022

Quant Time: Jul 07 14:17:02 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	8.062	152	22501	20.000	ng	0.00
21) Naphthalene-d8	10.877	136	96023	20.000	ng	0.00
39) Acenaphthene-d10	14.696	164	80652	20.000	ng	0.00
64) Phenanthrene-d10	17.439	188	220915	20.000	ng	# 0.00
76) Chrysene-d12	21.717	240	233726	20.000	ng	0.00
86) Perylene-d12	24.972	264	244217	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.636	112	162211	137.831	ng	0.00
7) Phenol-d6	7.234	99	224944	140.895	ng	0.00
23) Nitrobenzene-d5	9.226	82	145131	84.936	ng	0.00
42) 2,4,6-Tribromophenol	16.182	330	193787	149.548	ng	0.00
45) 2-Fluorobiphenyl	13.315	172	439419	79.226	ng	0.00
79) Terphenyl-d14	20.048	244	1049906	90.473	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.509	88	12747	24.777	ng	# 84
3) Pyridine	3.908	79	37038	26.979	ng	95
4) n-Nitrosodimethylamine	3.820	42	24759	41.000	ng	# 92
6) Aniline	7.386	93	82551	43.612	ng	96
8) 2-Chlorophenol	7.627	128	60116	47.840	ng	94
9) Benzaldehyde	7.198	77	33992	36.075	ng	82
10) Phenol	7.257	94	76071	47.015	ng	98
11) bis(2-Chloroethyl)ether	7.475	93	51331	41.333	ng	97
12) 1,3-Dichlorobenzene	7.956	146	60949	38.708	ng	95
13) 1,4-Dichlorobenzene	8.097	146	62523	39.529	ng	98
14) 1,2-Dichlorobenzene	8.421	146	62515	41.172	ng	94
15) Benzyl Alcohol	8.303	79	58581m	49.094	ng	
16) 2,2'-oxybis(1-Chloropr...	8.591	45	75657	40.752	ng	96
17) 2-Methylphenol	8.509	107	54730	48.693	ng	92
18) Hexachloroethane	9.149	117	21591	41.148	ng	# 75
19) n-Nitroso-di-n-propyla...	8.867	70	47058	43.873	ng	97
20) 3+4-Methylphenols	8.838	107	75797	48.086	ng	94
22) Acetophenone	8.885	105	93875	40.220	ng	# 97
24) Nitrobenzene	9.267	77	68997	41.005	ng	# 87
25) Isophorone	9.790	82	136372	42.733	ng	# 94
26) 2-Nitrophenol	9.983	139	36406	48.986	ng	87
27) 2,4-Dimethylphenol	10.042	122	62747	52.162	ng	93
28) bis(2-Chloroethoxy)met...	10.271	93	77093	44.843	ng	99
29) 2,4-Dichlorophenol	10.524	162	77307	47.933	ng	90
30) 1,2,4-Trichlorobenzene	10.736	180	77960	39.038	ng	95
31) Naphthalene	10.924	128	190396	39.277	ng	98
32) Benzoic acid	10.207	122	25410	48.372	ng	# 82
33) 4-Chloroaniline	11.029	127	75042	37.315	ng	95
34) Hexachlorobutadiene	11.211	225	60500	39.404	ng	95
35) Caprolactam	11.805	113	25117m	56.570	ng	
36) 4-Chloro-3-methylphenol	12.157	107	81119	51.739	ng	89
37) 2-Methylnaphthalene	12.528	142	150194	41.878	ng	97
38) 1-Methylnaphthalene	12.745	142	143093	40.975	ng	98
40) 1,2,4,5-Tetrachloroben...	12.898	216	122561	39.438	ng	# 95
41) Hexachlorocyclopentadiene	12.874	237	92857	64.168	ng	98
43) 2,4,6-Trichlorophenol	13.133	196	77758	44.543	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.209	196	86487	44.371	ng	# 90
46) 1,1'-Biphenyl	13.526	154	222902	39.677	ng	98
47) 2-Chloronaphthalene	13.573	162	181251	39.866	ng	97
48) 2-Nitroaniline	13.773	65	58079	48.022	ng	93
49) Acenaphthylene	14.419	152	287999	40.737	ng	99
50) Dimethylphthalate	14.143	163	264776	43.107	ng	99
51) 2,6-Dinitrotoluene	14.261	165	60288	48.580	ng	# 75
52) Acenaphthene	14.760	154	209460m	46.480	ng	
53) 3-Nitroaniline	14.596	138	46616	38.772	ng	85
54) 2,4-Dinitrophenol	14.807	184	63928	92.180	ng	# 79
55) Dibenzofuran	15.089	168	306965	42.277	ng	94
56) 4-Nitrophenol	14.913	139	80116	93.857	ng	87
57) 2,4-Dinitrotoluene	15.054	165	88739	50.631	ng	# 83
58) Fluorene	15.741	166	252519	42.359	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.324	232	84805	44.490	ng	# 89
60) Diethylphthalate	15.501	149	263228	44.252	ng	97
61) 4-Chlorophenyl-phenyle...	15.730	204	159743	44.759	ng	# 88
62) 4-Nitroaniline	15.759	138	56294	44.897	ng	# 73
63) Azobenzene	16.018	77	205633	42.946	ng	93
65) 4,6-Dinitro-2-methylph...	15.824	198	53101	48.179	ng	83
66) n-Nitrosodiphenylamine	15.941	169	237561	41.261	ng	96
67) 4-Bromophenyl-phenylether	16.623	248	118920	43.101	ng	# 92
68) Hexachlorobenzene	16.752	284	132760	42.064	ng	# 92
69) Atrazine	16.887	200	114516	48.014	ng	94
70) Pentachlorophenol	17.099	266	121085	82.591	ng	98
71) Phenanthrene	17.481	178	454101	40.009	ng	97
72) Anthracene	17.575	178	466319	42.073	ng	99
73) Carbazole	17.839	167	400064	42.053	ng	98
74) Di-n-butylphthalate	18.391	149	469979	42.727	ng	# 98
75) Fluoranthene	19.490	202	596734	40.051	ng	97
77) Benzidine	19.660	184	311412	64.338	ng	98
78) Pyrene	19.854	202	594259	42.097	ng	98
80) Butylbenzylphthalate	20.730	149	203489	44.972	ng	86
81) Benzo(a)anthracene	21.699	228	627544	41.468	ng	99
82) 3,3'-Dichlorobenzidine	21.605	252	200743	44.399	ng	94
83) Chrysene	21.764	228	585703	40.603	ng	97
84) Bis(2-ethylhexyl)phtha...	21.593	149	291302	45.014	ng	# 93
85) Di-n-octyl phthalate	22.810	149	498062	44.779	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.714	276	755091	40.971	ng	# 96
88) Benzo(b)fluoranthene	23.944	252	653586	44.015	ng	99
89) Benzo(k)fluoranthene	24.008	252	637581	43.367	ng	98
90) Benzo(a)pyrene	24.825	252	586721	46.831	ng	99
91) Dibenzo(a,h)anthracene	28.767	278	658397	43.202	ng	98
92) Benzo(g,h,i)perylene	29.884	276	645152	42.896	ng	94

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

