

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010324\
 Data File : BG060224.D
 Acq On : 3 Jan 2024 12:51
 Operator : MA/JU
 Sample : PB157753BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB157753BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/04/2024

Supervised By :mohammad ahmed 01/04/2024

Quant Time: Jan 03 13:28:16 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Dec 30 03:14:04 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.939	152	201532	20.000	ng	0.00
21) Naphthalene-d8	10.741	136	860578	20.000	ng	0.00
39) Acenaphthene-d10	14.578	164	678687	20.000	ng	0.00
64) Phenanthrene-d10	17.322	188	1624536	20.000	ng	0.00
76) Chrysene-d12	21.593	240	1454122	20.000	ng	0.00
86) Perylene-d12	24.766	264	1554210	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.506	112	1971103	147.622	ng	0.00
7) Phenol-d6	7.104	99	2850746	143.795	ng	0.00
23) Nitrobenzene-d5	9.102	82	1698760	91.178	ng	0.00
42) 2,4,6-Tribromophenol	16.070	330	1334488	146.890	ng	0.00
45) 2-Fluorobiphenyl	13.197	172	3992374	84.545	ng	0.00
79) Terphenyl-d14	19.942	244	5470198	72.321	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.409	88	186370	31.373	ng	# 94
3) Pyridine	3.802	79	504381	29.937	ng	94
4) n-Nitrosodimethylamine	3.720	42	243876m	38.803	ng	
6) Aniline	7.263	93	666659	33.563	ng	96
8) 2-Chlorophenol	7.498	128	661635	51.559	ng	98
10) Phenol	7.128	94	1034650	51.753	ng	98
11) bis(2-Chloroethyl)ether	7.357	93	718489	44.412	ng	97
12) 1,3-Dichlorobenzene	7.827	146	664840	41.970	ng	100
13) 1,4-Dichlorobenzene	7.968	146	696707	43.504	ng	94
14) 1,2-Dichlorobenzene	8.291	146	690364	44.095	ng	98
15) Benzyl Alcohol	8.174	79	660270	53.657	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.467	45	971261m	46.780	ng	
17) 2-Methylphenol	8.379	107	673542	53.805	ng	94
18) Hexachloroethane	9.020	117	234317	46.457	ng	98
19) n-Nitroso-di-n-propyla...	8.738	70	638600	47.152	ng	98
20) 3+4-Methylphenols	8.708	107	916604	51.663	ng	98
22) Acetophenone	8.761	105	1157814	45.409	ng	# 98
24) Nitrobenzene	9.143	77	871631	45.725	ng	97
25) Isophorone	9.660	82	1746014	44.792	ng	99
26) 2-Nitrophenol	9.854	139	367199	55.202	ng	99
27) 2,4-Dimethylphenol	9.907	122	591467	62.773	ng	97
28) bis(2-Chloroethoxy)met...	10.148	93	1071598	46.936	ng	100
29) 2,4-Dichlorophenol	10.389	162	790319	53.072	ng	92
30) 1,2,4-Trichlorobenzene	10.600	180	809813	44.680	ng	98
31) Naphthalene	10.794	128	2060194	45.346	ng	97
32) Benzoic acid	10.054	122	467424	53.904	ng	96
33) 4-Chloroaniline	10.900	127	417523	23.531	ng	98
34) Hexachlorobutadiene	11.076	225	461898	42.849	ng	100
35) Caprolactam	11.669	113	266440m	53.788	ng	
36) 4-Chloro-3-methylphenol	12.022	107	808815	52.776	ng	99
37) 2-Methylnaphthalene	12.398	142	1518347	46.268	ng	98
38) 1-Methylnaphthalene	12.621	142	1493219	45.005	ng	98
40) 1,2,4,5-Tetrachloroben...	12.768	216	974722	44.836	ng	97
41) Hexachlorocyclopentadiene	12.745	237	944113	134.358	ng	98
43) 2,4,6-Trichlorophenol	13.009	196	704279	49.298	ng	96
44) 2,4,5-Trichlorophenol	13.080	196	798851	49.986	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.409	154	2288276	45.826	ng	99
47) 2-Chloronaphthalene	13.450	162	1892609	44.488	ng	99
48) 2-Nitroaniline	13.655	65	597604	53.752	ng	97
49) Acenaphthylene	14.302	152	3014998	49.187	ng	97
50) Dimethylphthalate	14.031	163	2462029	46.985	ng	99
51) 2,6-Dinitrotoluene	14.149	165	544152	49.927	ng	92
52) Acenaphthene	14.642	154	1691734	44.228	ng	97
53) 3-Nitroaniline	14.484	138	348131	33.899	ng	# 99
54) 2,4-Dinitrophenol	14.684	184	670829	103.049	ng	95
55) Dibenzofuran	14.977	168	2960302	46.203	ng	99
56) 4-Nitrophenol	14.795	139	927871	119.528	ng	96
57) 2,4-Dinitrotoluene	14.936	165	760800	51.335	ng	97
58) Fluorene	15.624	166	2433289	46.305	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.201	232	722064	51.836	ng	100
60) Diethylphthalate	15.394	149	2397208	47.973	ng	99
61) 4-Chlorophenyl-phenyle...	15.618	204	1237558	45.228	ng	97
62) 4-Nitroaniline	15.653	138	533755	49.312	ng	98
63) Azobenzene	15.912	77	2441352	47.124	ng	98
65) 4,6-Dinitro-2-methylph...	15.700	198	450173	55.381	ng	98
66) n-Nitrosodiphenylamine	15.835	169	2167865	49.521	ng	99
67) 4-Bromophenyl-phenylether	16.511	248	804892	46.732	ng	97
68) Hexachlorobenzene	16.628	284	930472	46.076	ng	99
69) Atrazine	16.781	200	654505	40.680	ng	99
70) Pentachlorophenol	16.975	266	1165513	105.062	ng	98
71) Phenanthrene	17.369	178	3810938	47.459	ng	98
72) Anthracene	17.457	178	3881543	48.664	ng	95
73) Carbazole	17.727	167	3541977	46.820	ng	95
74) Di-n-butylphthalate	18.285	149	3706274	50.555	ng	97
75) Fluoranthene	19.378	202	4259289	45.220	ng	96
77) Benzidine	19.566	184	1441782	35.825	ng	99
78) Pyrene	19.742	202	4358301	44.587	ng	95
80) Butylbenzylphthalate	20.635	149	1749209	60.690	ng	99
81) Benzo(a)anthracene	21.575	228	4353721	47.091	ng	96
82) 3,3'-Dichlorobenzidine	21.493	252	1533335	45.607	ng	97
83) Chrysene	21.640	228	4150051	46.204	ng	95
84) Bis(2-ethylhexyl)phtha...	21.481	149	2578087	58.984	ng	99
85) Di-n-octyl phthalate	22.674	149	4376903	61.176	ng	100
87) Indeno(1,2,3-cd)pyrene	28.391	276	5631748	51.396	ng	# 94
88) Benzo(b)fluoranthene	23.761	252	4610569	49.364	ng	98
89) Benzo(k)fluoranthene	23.826	252	4640341	49.362	ng	99
90) Benzo(a)pyrene	24.619	252	4207473	49.793	ng	99
91) Dibenzo(a,h)anthracene	28.456	278	4675828	51.934	ng	98
92) Benzo(g,h,i)perylene	29.525	276	4475925	49.081	ng	99

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

