

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021022\
 Data File : BG052350.D
 Acq On : 10 Feb 2022 12:25
 Operator : CG/JU
 Sample : PB142486BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB142486BS

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 02/11/2022
 Supervised By : Jagrut Upadhyay 02/11/2022

Quant Time: Feb 10 14:39:18 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Feb 08 01:21:20 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							02/11/2022
1) 1,4-Dichlorobenzene-d4	8.230	152	22586	20.000	ng	0.00	Supervised By : Jagrut Upadhyay
21) Naphthalene-d8	11.068	136	104309	20.000	ng	# 0.00	
39) Acenaphthene-d10	14.874	164	82903	20.000	ng	0.00	
64) Phenanthrene-d10	17.624	188	217137	20.000	ng	0.00	
76) Chrysene-d12	21.941	240	211588	20.000	ng	0.00	
86) Perylene-d12	25.419	264	214943	20.000	ng	0.01	02/11/2022
System Monitoring Compounds							
5) 2-Fluorophenol	5.757	112	173085	133.562	ng	0.00	
7) Phenol-d6	7.379	99	259649	129.855	ng	0.00	
23) Nitrobenzene-d5	9.405	82	172744	71.975	ng	0.00	
42) 2,4,6-Tribromophenol	16.361	330	153169	128.602	ng	0.00	
45) 2-Fluorobiphenyl	13.500	172	438980	73.577	ng	0.00	
79) Terphenyl-d14	20.220	244	926768	77.346	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	3.578	88	16614	27.842	ng		97
3) Pyridine	3.995	79	40283	23.276	ng		95
4) n-Nitrosodimethylamine	3.901	42	32757	36.656	ng		84
6) Aniline	7.537	93	79309	34.140	ng		97
8) 2-Chlorophenol	7.790	128	68377	47.963	ng		97
9) Benzaldehyde	7.349	77	40074	33.462	ng		96
10) Phenol	7.402	94	94648	47.641	ng		99
11) bis(2-Chloroethyl)ether	7.625	93	60776	40.022	ng		91
12) 1,3-Dichlorobenzene	8.119	146	65462	40.302	ng		97
13) 1,4-Dichlorobenzene	8.266	146	69123	41.745	ng		95
14) 1,2-Dichlorobenzene	8.589	146	65636	40.192	ng		90
15) Benzyl Alcohol	8.465	79	76027	45.813	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.759	45	88391	40.309	ng		96
17) 2-Methylphenol	8.671	107	64868	49.481	ng		95
18) Hexachloroethane	9.335	117	23055	40.042	ng		87
19) n-Nitroso-di-n-propyla...	9.035	70	62313	41.337	ng		91
20) 3+4-Methylphenols	9.000	107	91406	48.735	ng		96
22) Acetophenone	9.053	105	110003	39.902	ng	#	91
24) Nitrobenzene	9.446	77	88773	38.993	ng		95
25) Isophorone	9.969	82	168492	41.260	ng		98
26) 2-Nitrophenol	10.163	139	41511	43.018	ng		88
27) 2,4-Dimethylphenol	10.222	122	74423	52.091	ng		88
28) bis(2-Chloroethoxy)met...	10.451	93	91569	39.511	ng		99
29) 2,4-Dichlorophenol	10.709	162	77827	45.446	ng		97
30) 1,2,4-Trichlorobenzene	10.927	180	77095	38.553	ng		98
31) Naphthalene	11.121	128	218526	39.962	ng		97
32) Benzoic acid	10.357	122	44997	48.621	ng		91
33) 4-Chloroaniline	11.221	127	52028	22.789	ng		97
34) Hexachlorobutadiene	11.403	225	49573	36.707	ng		99
35) Caprolactam	11.978	113	31819m	50.985	ng		
36) 4-Chloro-3-methylphenol	12.337	107	94290	48.397	ng		97
37) 2-Methylnaphthalene	12.713	142	175390	43.183	ng		98
38) 1-Methylnaphthalene	12.930	142	164212	41.724	ng	#	98
40) 1,2,4,5-Tetrachloroben...	13.083	216	105942	38.852	ng		99
41) Hexachlorocyclopentadiene	13.059	237	110314	83.725	ng		94
43) 2,4,6-Trichlorophenol	13.318	196	75836	42.524	ng		91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.394	196	86924	44.977	ng	95	02/11/2022
46) 1,1'-Biphenyl	13.711	154	250613	41.225	ng	100	Supervised By : Jagrut Upadhyay
47) 2-Chloronaphthalene	13.758	162	185114	39.524	ng	100	
48) 2-Nitroaniline	13.952	65	73725	44.215	ng	97	
49) Acenaphthylene	14.598	152	321225	42.133	ng	99	
50) Dimethylphthalate	14.316	163	275398	43.364	ng	99	
51) 2,6-Dinitrotoluene	14.440	165	63520	46.349	ng	# 88	02/11/2022
52) Acenaphthene	14.939	154	235594m	47.184	ng		
53) 3-Nitroaniline	14.769	138	40608	28.507	ng	93	
54) 2,4-Dinitrophenol	14.980	184	73325	86.006	ng	96	
55) Dibenzofuran	15.274	168	317285	40.407	ng	98	
56) 4-Nitrophenol	15.080	139	106900	99.928	ng	88	
57) 2,4-Dinitrotoluene	15.227	165	92123	47.229	ng	# 86	
58) Fluorene	15.920	166	270053	43.081	ng	99	
59) 2,3,4,6-Tetrachlorophenol	15.497	232	83072	44.995	ng	98	
60) Diethylphthalate	15.673	149	285527	44.506	ng	97	
61) 4-Chlorophenyl-phenylether	15.902	204	147744	41.376	ng	97	
62) 4-Nitroaniline	15.932	138	66166	44.121	ng	90	
63) Azobenzene	16.196	77	273985	41.718	ng	94	
65) 4,6-Dinitro-2-methylph...	15.996	198	51273	39.253	ng	92	
66) n-Nitrosodiphenylamine	16.120	169	248355	41.512	ng	98	
67) 4-Bromophenyl-phenylether	16.801	248	106120	40.188	ng	95	
68) Hexachlorobenzene	16.936	284	115774	40.424	ng	94	
69) Atrazine	17.060	200	106893	44.194	ng	93	
70) Pentachlorophenol	17.277	266	129094	92.134	ng	98	
71) Phenanthrene	17.671	178	466522	41.678	ng	98	
72) Anthracene	17.759	178	474154	43.227	ng	99	
73) Carbazole	18.023	167	441271	41.247	ng	98	
74) Di-n-butylphthalate	18.564	149	514107	44.106	ng	98	
75) Fluoranthene	19.668	202	602872	42.298	ng	99	
77) Benzidine	19.838	184	187877	41.555	ng	99	
78) Pyrene	20.032	202	604068	42.666	ng	99	
80) Butylbenzylphthalate	20.902	149	219345	44.601	ng	96	
81) Benzo(a)anthracene	21.924	228	572391	40.880	ng	99	
82) 3,3'-Dichlorobenzidine	21.818	252	142035	29.058	ng	97	
83) Chrysene	21.994	228	552943	41.675	ng	99	
84) Bis(2-ethylhexyl)phtha...	21.800	149	305758	44.837	ng	99	
85) Di-n-octyl phthalate	23.093	149	513627	44.924	ng	96	
87) Indeno(1,2,3-cd)pyrene	29.425	276	660884	42.017	ng	99	
88) Benzo(b)fluoranthene	24.309	252	604626	45.141	ng	99	
89) Benzo(k)fluoranthene	24.379	252	575429	43.489	ng	100	
90) Benzo(a)pyrene	25.255	252	570973	50.463	ng	100	
91) Dibenzo(a,h)anthracene	29.496	278	555164	42.726	ng	97	
92) Benzo(g,h,i)perylene	30.688	276	551517	43.250	ng	97	

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

