

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030822\
 Data File : BG052604.D
 Acq On : 8 Mar 2022 14:37
 Operator : CG/JU
 Sample : PB143083BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB143083BS

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 03/09/2022
 Supervised By : Jagrut Upadhyay 03/09/2022

Quant Time: Mar 09 04:18:04 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030722.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Mar 08 01:09:10 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.212	152	33580	20.000	ng	0.00
21) Naphthalene-d8	11.055	136	132792	20.000	ng	# 0.00
39) Acenaphthene-d10	14.862	164	92763	20.000	ng	0.00
64) Phenanthrene-d10	17.611	188	225973	20.000	ng	0.00
76) Chrysene-d12	21.935	240	226771	20.000	ng	0.00
86) Perylene-d12	25.395	264	237603	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.751	112	273705	138.866	ng	0.00
7) Phenol-d6	7.366	99	366096	132.187	ng	0.00
23) Nitrobenzene-d5	9.393	82	244076	83.794	ng	0.00
42) 2,4,6-Tribromophenol	16.354	330	172793	129.611	ng	0.00
45) 2-Fluorobiphenyl	13.487	172	568992	84.580	ng	0.00
79) Terphenyl-d14	20.208	244	1109508	87.616	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.571	88	28389	31.786	ng	# 94
3) Pyridine	3.982	79	74841	31.013	ng	92
4) n-Nitrosodimethylamine	3.888	42	47260	41.069	ng	# 68
6) Aniline	7.525	93	112997	35.187	ng	98
8) 2-Chlorophenol	7.777	128	99585	48.124	ng	92
9) Benzaldehyde	7.337	77	64748m	38.976	ng	
10) Phenol	7.395	94	128228	46.462	ng	96
11) bis(2-Chloroethyl)ether	7.619	93	92196	43.292	ng	91
12) 1,3-Dichlorobenzene	8.100	146	105009	43.086	ng	96
13) 1,4-Dichlorobenzene	8.253	146	107063	43.600	ng	97
14) 1,2-Dichlorobenzene	8.576	146	103505	43.271	ng	94
15) Benzyl Alcohol	8.447	79	99999	46.321	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.735	45	121610	42.371	ng	94
17) 2-Methylphenol	8.658	107	85376	46.618	ng	93
18) Hexachloroethane	9.316	117	37079	42.895	ng	99
19) n-Nitroso-di-n-propyla...	9.023	70	80483	42.682	ng	90
20) 3+4-Methylphenols	8.987	107	116416	46.505	ng	93
22) Acetophenone	9.040	105	143433	41.887	ng	# 92
24) Nitrobenzene	9.434	77	120962	43.902	ng	92
25) Isophorone	9.957	82	223743	45.542	ng	99
26) 2-Nitrophenol	10.151	139	56203	45.616	ng	90
27) 2,4-Dimethylphenol	10.209	122	96524	54.280	ng	94
28) bis(2-Chloroethoxy)met...	10.438	93	125510	42.557	ng	99
29) 2,4-Dichlorophenol	10.697	162	99716	47.466	ng	98
30) 1,2,4-Trichlorobenzene	10.914	180	111660	43.407	ng	98
31) Naphthalene	11.102	128	298460	42.842	ng	98
32) Benzoic acid	10.368	122	32996	42.947	ng	92
33) 4-Chloroaniline	11.208	127	55322	19.624	ng	97
34) Hexachlorobutadiene	11.390	225	72187	41.046	ng	96
35) Caprolactam	11.972	113	32820m	43.944	ng	
36) 4-Chloro-3-methylphenol	12.324	107	107392	45.895	ng	97
37) 2-Methylnaphthalene	12.700	142	218934	43.099	ng	98
38) 1-Methylnaphthalene	12.917	142	210851	42.600	ng	99
40) 1,2,4,5-Tetrachloroben...	13.070	216	130460	42.393	ng	100
41) Hexachlorocyclopentadiene	13.047	237	162790	112.183	ng	94
43) 2,4,6-Trichlorophenol	13.305	196	86098	44.879	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.381	196	93387	45.076	ng	93
46) 1,1'-Biphenyl	13.699	154	299763	43.845	ng	98
47) 2-Chloronaphthalene	13.746	162	229250	43.282	ng	96
48) 2-Nitroaniline	13.940	65	78445	45.072	ng	93
49) Acenaphthylene	14.586	152	392273	46.068	ng	98
50) Dimethylphthalate	14.304	163	300839	42.110	ng	99
51) 2,6-Dinitrotoluene	14.427	165	69562	44.859	ng	# 83
52) Acenaphthene	14.926	154	267161m	48.304	ng	
53) 3-Nitroaniline	14.756	138	42958	26.237	ng	89
54) 2,4-Dinitrophenol	14.973	184	78118	81.684	ng	90
55) Dibenzofuran	15.261	168	362059	41.413	ng	99
56) 4-Nitrophenol	15.073	139	108126	97.119	ng	# 81
57) 2,4-Dinitrotoluene	15.220	165	98630	44.969	ng	# 77
58) Fluorene	15.907	166	299491	42.337	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.490	232	87125	43.985	ng	# 95
60) Diethylphthalate	15.661	149	306933	42.105	ng	98
61) 4-Chlorophenyl-phenyle...	15.890	204	166471	41.944	ng	97
62) 4-Nitroaniline	15.925	138	70503	41.311	ng	# 81
63) Azobenzene	16.184	77	293843	41.292	ng	94
65) 4,6-Dinitro-2-methylph...	15.984	198	58837	42.619	ng	92
66) n-Nitrosodiphenylamine	16.107	169	268862	42.840	ng	96
67) 4-Bromophenyl-phenylether	16.789	248	115405	42.257	ng	97
68) Hexachlorobenzene	16.924	284	127159	43.068	ng	94
69) Atrazine	17.047	200	112305	46.955	ng	93
70) Pentachlorophenol	17.264	266	129735	84.261	ng	97
71) Phenanthrene	17.658	178	501773	42.722	ng	96
72) Anthracene	17.746	178	509381	43.945	ng	99
73) Carbazole	18.016	167	478749	42.012	ng	98
74) Di-n-butylphthalate	18.557	149	545979	42.996	ng	# 98
75) Fluoranthene	19.661	202	665573	43.958	ng	99
77) Benzidine	19.832	184	280910	57.933	ng	99
78) Pyrene	20.025	202	656670	43.963	ng	99
80) Butylbenzylphthalate	20.889	149	243785	43.974	ng	93
81) Benzo(a)anthracene	21.911	228	659313	43.705	ng	100
82) 3,3'-Dichlorobenzidine	21.811	252	149594	27.984	ng	99
83) Chrysene	21.982	228	603204	42.126	ng	99
84) Bis(2-ethylhexyl)phtha...	21.788	149	343173	44.393	ng	97
85) Di-n-octyl phthalate	23.074	149	573121	44.453	ng	# 94
87) Indeno(1,2,3-cd)pyrene	29.401	276	723494	41.712	ng	99
88) Benzo(b)fluoranthene	24.290	252	682070	45.795	ng	99
89) Benzo(k)fluoranthene	24.361	252	648954	43.860	ng	98
90) Benzo(a)pyrene	25.236	252	647564	51.684	ng	99
91) Dibenzo(a,h)anthracene	29.460	278	626152	43.816	ng	# 98
92) Benzo(g,h,i)perylene	30.652	276	619930	44.011	ng	97

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

