

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071522\
 Data File : BG054306.D
 Acq On : 15 Jul 2022 17:30
 Operator : CG/JU
 Sample : PB146215BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146215BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/18/2022
 Supervised By : Jagrut Upadhyay 07/18/2022

Quant Time: Jul 16 01:08:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.996	152	15785	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	58790	20.000	ng	# 0.00
39) Acenaphthene-d10	14.635	164	49635	20.000	ng	0.00
64) Phenanthrene-d10	17.379	188	135595	20.000	ng	# 0.00
76) Chrysene-d12	21.638	240	161458	20.000	ng	# 0.00
86) Perylene-d12	24.835	264	175571	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	99676	131.842	ng	0.00
7) Phenol-d6	7.167	99	130870	126.329	ng	0.00
23) Nitrobenzene-d5	9.159	82	84868	78.613	ng	0.00
42) 2,4,6-Tribromophenol	16.121	330	134737	129.287	ng	0.00
45) 2-Fluorobiphenyl	13.254	172	275439	78.284	ng	0.00
79) Terphenyl-d14	19.982	244	715705	87.937	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.424	88	9289m	30.883	ng	Qvalue
3) Pyridine	3.830	79	25142	32.951	ng	98
4) n-Nitrosodimethylamine	3.748	42	18539	43.454	ng	# 80
6) Aniline	7.320	93	46402	38.805	ng	97
8) 2-Chlorophenol	7.567	128	39233	45.156	ng	88
9) Benzaldehyde	7.132	77	20507	38.361	ng	78
10) Phenol	7.197	94	46773	45.443	ng	95
11) bis(2-Chloroethyl)ether	7.414	93	30003	39.980	ng	95
12) 1,3-Dichlorobenzene	7.890	146	43648m	41.232	ng	
13) 1,4-Dichlorobenzene	8.031	146	45447	41.573	ng	96
14) 1,2-Dichlorobenzene	8.354	146	44970	43.623	ng	96
15) Benzyl Alcohol	8.236	79	38036	44.642	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.524	45	38436	40.667	ng	87
17) 2-Methylphenol	8.448	107	33267	44.843	ng	96
18) Hexachloroethane	9.083	117	14913	41.199	ng	# 50
19) n-Nitroso-di-n-propyla...	8.801	70	28384	41.030	ng	# 88
20) 3+4-Methylphenols	8.777	107	44629	42.696	ng	95
22) Acetophenone	8.818	105	58684	41.503	ng	# 99
24) Nitrobenzene	9.200	77	43640	41.363	ng	# 91
25) Isophorone	9.723	82	80685	42.974	ng	# 91
26) 2-Nitrophenol	9.917	139	23560	44.302	ng	# 82
27) 2,4-Dimethylphenol	9.976	122	37856	51.529	ng	91
28) bis(2-Chloroethoxy)met...	10.205	93	43269	45.693	ng	# 97
29) 2,4-Dichlorophenol	10.457	162	50777	45.790	ng	88
30) 1,2,4-Trichlorobenzene	10.669	180	56159	40.892	ng	# 95
31) Naphthalene	10.857	128	118486	40.149	ng	100
32) Benzoic acid	10.146	122	10708m	38.524	ng	
33) 4-Chloroaniline	10.963	127	38547	32.119	ng	# 93
34) Hexachlorobutadiene	11.145	225	49814	41.043	ng	99
35) Caprolactam	11.727	113	13341m	47.781	ng	
36) 4-Chloro-3-methylphenol	12.091	107	46452	46.046	ng	# 87
37) 2-Methylnaphthalene	12.461	142	93752	41.368	ng	97
38) 1-Methylnaphthalene	12.678	142	89893	40.707	ng	98
40) 1,2,4,5-Tetrachloroben...	12.831	216	89272	41.053	ng	# 94
41) Hexachlorocyclopentadiene	12.813	237	74082	102.253	ng	96
43) 2,4,6-Trichlorophenol	13.072	196	51005	43.077	ng	96

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44) 2,4,5-Trichlorophenol	13.148	196	56146	41.968	ng	# 87
46) 1,1'-Biphenyl	13.466	154	139862	41.188	ng	97
47) 2-Chloronaphthalene	13.513	162	115540	40.658	ng	94
48) 2-Nitroaniline	13.712	65	31947	43.076	ng	89
49) Acenaphthylene	14.353	152	174924	41.426	ng	98
50) Dimethylphthalate	14.083	163	162339	41.872	ng	99
51) 2,6-Dinitrotoluene	14.206	165	36294	42.680	ng	# 76
52) Acenaphthene	14.700	154	105607	41.301	ng	99
53) 3-Nitroaniline	14.535	138	23195	32.614	ng	83
54) 2,4-Dinitrophenol	14.752	184	39855	80.685	ng	# 79
55) Dibenzofuran	15.029	168	189482	41.648	ng	97
56) 4-Nitrophenol	14.858	139	43991	92.711	ng	95
57) 2,4-Dinitrotoluene	14.993	165	53285	43.709	ng	88
58) Fluorene	15.681	166	155873	41.670	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.264	232	55885	42.906	ng	# 85
60) Diethylphthalate	15.446	149	158008	42.484	ng	95
61) 4-Chlorophenyl-phenyle...	15.669	204	105699	43.047	ng	# 89
62) 4-Nitroaniline	15.698	138	31332	41.933	ng	90
63) Azobenzene	15.963	77	111511	41.495	ng	83
65) 4,6-Dinitro-2-methylph...	15.763	198	34165	40.783	ng	77
66) n-Nitrosodiphenylamine	15.880	169	144360	42.642	ng	94
67) 4-Bromophenyl-phenylether	16.562	248	80963	42.515	ng	# 88
68) Hexachlorobenzene	16.691	284	94559	43.420	ng	# 89
69) Atrazine	16.826	200	75387	50.042	ng	94
70) Pentachlorophenol	17.032	266	76828	81.271	ng	94
71) Phenanthrene	17.420	178	282048	41.769	ng	98
72) Anthracene	17.508	178	286925	43.300	ng	98
73) Carbazole	17.778	167	242800	44.506	ng	98
74) Di-n-butylphthalate	18.331	149	277316	43.076	ng	98
75) Fluoranthene	19.429	202	397798	43.216	ng	96
77) Benzidine	19.600	184	189055	64.653	ng	97
78) Pyrene	19.788	202	397832	42.942	ng	98
80) Butylbenzylphthalate	20.669	149	121873	42.214	ng	# 82
81) Benzo(a)anthracene	21.621	228	436054	42.545	ng	99
82) 3,3'-Dichlorobenzidine	21.533	252	124072	38.924	ng	# 98
83) Chrysene	21.685	228	403449	41.665	ng	97
84) Bis(2-ethylhexyl)phtha...	21.521	149	175645	42.995	ng	# 91
85) Di-n-octyl phthalate	22.720	149	298963	42.897	ng	# 92
87) Indeno(1,2,3-cd)pyrene	28.501	276	550726	41.233	ng	# 98
88) Benzo(b)fluoranthene	23.824	252	468090	45.082	ng	# 98
89) Benzo(k)fluoranthene	23.889	252	453088	43.847	ng	# 98
90) Benzo(a)pyrene	24.688	252	413561	46.639	ng	# 98
91) Dibenzo(a,h)anthracene	28.560	278	477557	43.482	ng	# 97
92) Benzo(g,h,i)perylene	29.641	276	475439	43.861	ng	# 92

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

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