

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
 Data File : BG054189.D
 Acq On : 1 Jul 2022 13:35
 Operator : CG/JU
 Sample : PB145890BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145890BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/05/2022
 Supervised By : Jagrut Upadhyay 07/05/2022

Quant Time: Jul 01 23:33:58 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	8.065	152	16747	20.000	ng	0.00
21) Naphthalene-d8	10.873	136	70530	20.000	ng	0.00
39) Acenaphthene-d10	14.693	164	59578	20.000	ng	0.00
64) Phenanthrene-d10	17.436	188	169064	20.000	ng	# 0.00
76) Chrysene-d12	21.714	240	179611	20.000	ng	0.00
86) Perylene-d12	24.969	264	181682	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.633	112	111792	127.627	ng	0.00
7) Phenol-d6	7.231	99	152609	128.430	ng	0.00
23) Nitrobenzene-d5	9.228	82	99569	79.334	ng	0.00
42) 2,4,6-Tribromophenol	16.185	330	137500	143.644	ng	0.00
45) 2-Fluorobiphenyl	13.318	172	305664	74.604	ng	0.00
79) Terphenyl-d14	20.045	244	747617	83.835	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.512	88	9887	25.821	ng	89
3) Pyridine	3.911	79	27508	26.921	ng	90
4) n-Nitrosodimethylamine	3.823	42	18850	41.940	ng	# 92
6) Aniline	7.383	93	55116	39.122	ng	98
8) 2-Chlorophenol	7.630	128	44265	47.329	ng	91
9) Benzaldehyde	7.195	77	28166m	40.163	ng	
10) Phenol	7.260	94	55309	45.928	ng	97
11) bis(2-Chloroethyl)ether	7.477	93	36087	39.042	ng	94
12) 1,3-Dichlorobenzene	7.953	146	46418	39.608	ng	93
13) 1,4-Dichlorobenzene	8.100	146	48209	40.951	ng	95
14) 1,2-Dichlorobenzene	8.423	146	46515	41.160	ng	96
15) Benzyl Alcohol	8.300	79	42485m	47.838	ng	
16) 2,2'-oxybis(1-Chloropr...	8.594	45	55644	40.270	ng	97
17) 2-Methylphenol	8.512	107	38808	46.390	ng	94
18) Hexachloroethane	9.152	117	16572	42.435	ng	# 81
19) n-Nitroso-di-n-propyla...	8.870	70	33388	41.823	ng	# 93
20) 3+4-Methylphenols	8.835	107	52995	45.172	ng	95
22) Acetophenone	8.888	105	66781	38.953	ng	# 97
24) Nitrobenzene	9.269	77	49452	40.013	ng	# 88
25) Isophorone	9.792	82	96091	40.995	ng	# 93
26) 2-Nitrophenol	9.986	139	25880	47.409	ng	# 86
27) 2,4-Dimethylphenol	10.045	122	43146	48.832	ng	93
28) bis(2-Chloroethoxy)met...	10.268	93	53894	42.680	ng	97
29) 2,4-Dichlorophenol	10.527	162	55748	47.059	ng	87
30) 1,2,4-Trichlorobenzene	10.738	180	57997	39.539	ng	# 97
31) Naphthalene	10.926	128	134654	37.819	ng	99
32) Benzoic acid	10.186	122	21892m	54.786	ng	
33) 4-Chloroaniline	11.032	127	47794	32.356	ng	93
34) Hexachlorobutadiene	11.214	225	45911	40.710	ng	94
35) Caprolactam	11.802	113	17580m	53.906	ng	
36) 4-Chloro-3-methylphenol	12.154	107	56054	48.675	ng	89
37) 2-Methylnaphthalene	12.524	142	105586	40.081	ng	97
38) 1-Methylnaphthalene	12.742	142	101500	39.571	ng	98
40) 1,2,4,5-Tetrachloroben...	12.895	216	88396	38.505	ng	# 96
41) Hexachlorocyclopentadiene	12.877	237	80474	75.282	ng	97
43) 2,4,6-Trichlorophenol	13.136	196	56278	43.642	ng	96

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44) 2,4,5-Trichlorophenol	13.206	196	63731	44.262	ng	# 92
46) 1,1'-Biphenyl	13.529	154	155712	37.521	ng	97
47) 2-Chloronaphthalene	13.576	162	127076	37.837	ng	96
48) 2-Nitroaniline	13.770	65	40179	44.973	ng	88
49) Acenaphthylene	14.416	152	200436	38.380	ng	99
50) Dimethylphthalate	14.140	163	183777	40.503	ng	99
51) 2,6-Dinitrotoluene	14.264	165	41727	45.517	ng	# 78
52) Acenaphthene	14.757	154	151602m	45.541	ng	
53) 3-Nitroaniline	14.593	138	31221	35.153	ng	88
54) 2,4-Dinitrophenol	14.804	184	51161	99.277	ng	# 83
55) Dibenzofuran	15.092	168	213917	39.884	ng	94
56) 4-Nitrophenol	14.910	139	59636	94.577	ng	90
57) 2,4-Dinitrotoluene	15.051	165	62575	48.332	ng	# 86
58) Fluorene	15.738	166	179730	40.813	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.321	232	62033	44.055	ng	# 91
60) Diethylphthalate	15.503	149	184864	42.071	ng	96
61) 4-Chlorophenyl-phenyle...	15.727	204	112760	42.770	ng	# 88
62) 4-Nitroaniline	15.756	138	38797	41.888	ng	# 84
63) Azobenzene	16.020	77	143760	40.644	ng	89
65) 4,6-Dinitro-2-methylph...	15.821	198	39224	46.503	ng	81
66) n-Nitrosodiphenylamine	15.944	169	166023	37.680	ng	98
67) 4-Bromophenyl-phenylether	16.626	248	85559	40.520	ng	# 91
68) Hexachlorobenzene	16.749	284	95982	39.738	ng	# 92
69) Atrazine	16.890	200	83667	45.839	ng	94
70) Pentachlorophenol	17.096	266	98272	87.588	ng	97
71) Phenanthrene	17.483	178	327079	37.656	ng	98
72) Anthracene	17.572	178	331397	39.070	ng	100
73) Carbazole	17.836	167	289461	39.758	ng	98
74) Di-n-butylphthalate	18.394	149	336148	39.933	ng	# 97
75) Fluoranthene	19.493	202	424811	37.256	ng	97
77) Benzidine	19.663	184	179207	48.180	ng	97
78) Pyrene	19.851	202	426756	39.339	ng	99
80) Butylbenzylphthalate	20.727	149	139095	40.003	ng	91
81) Benzo(a)anthracene	21.696	228	440534	37.881	ng	98
82) 3,3'-Dichlorobenzidine	21.608	252	138205	39.777	ng	99
83) Chrysene	21.761	228	410343	37.017	ng	97
84) Bis(2-ethylhexyl)phtha...	21.596	149	196813	39.576	ng	# 94
85) Di-n-octyl phthalate	22.812	149	333257	38.989	ng	# 95
87) Indeno(1,2,3-cd)pyrene	28.711	276	524761	38.274	ng	99
88) Benzo(b)fluoranthene	23.941	252	454333	41.128	ng	99
89) Benzo(k)fluoranthene	24.005	252	447362	40.902	ng	99
90) Benzo(a)pyrene	24.822	252	406484	43.612	ng	99
91) Dibenzo(a,h)anthracene	28.758	278	468569	41.329	ng	# 95
92) Benzo(g,h,i)perylene	29.881	276	450079	40.226	ng	95

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

