

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071222\
 Data File : BG054260.D
 Acq On : 12 Jul 2022 17:38
 Operator : CG/JU
 Sample : N3649-07MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A-2-LCMS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/13/2022
 Supervised By : Jagrut Upadhyay 07/13/2022

Quant Time: Jul 13 01:36:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 15:49:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	14393	20.000	ng	0.00
21) Naphthalene-d8	10.849	136	56526	20.000	ng	# 0.00
39) Acenaphthene-d10	14.668	164	46707	20.000	ng	0.00
64) Phenanthrene-d10	17.418	188	145752	20.000	ng	# 0.00
76) Chrysene-d12	21.689	240	174566	20.000	ng	# 0.00
86) Perylene-d12	24.926	264	186146	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.614	112	82170	114.700	ng	0.00
7) Phenol-d6	7.212	99	110184	111.513	ng	0.00
23) Nitrobenzene-d5	9.204	82	69980	67.183	ng	0.00
42) 2,4,6-Tribromophenol	16.160	330	119158	131.701	ng	0.00
45) 2-Fluorobiphenyl	13.293	172	220681	69.424	ng	0.00
79) Terphenyl-d14	20.020	244	606655	71.464	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.481	88	12275	39.180	ng	93
3) Pyridine	3.880	79	32776	41.887	ng	88
4) n-Nitrosodimethylamine	3.798	42	21284	53.841	ng	# 83
6) Aniline	7.365	93	48422	41.690	ng	100
8) 2-Chlorophenol	7.611	128	44117	54.944	ng	90
9) Benzaldehyde	7.177	77	23921m	40.315	ng	
10) Phenol	7.235	94	54100	54.268	ng	96
11) bis(2-Chloroethyl)ether	7.453	93	36152	49.174	ng	94
12) 1,3-Dichlorobenzene	7.929	146	50730	52.033	ng	94
13) 1,4-Dichlorobenzene	8.076	146	52247	52.295	ng	96
14) 1,2-Dichlorobenzene	8.399	146	49381	51.473	ng	96
15) Benzyl Alcohol	8.281	79	42645	53.538	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.569	45	47533	46.562	ng	93
17) 2-Methylphenol	8.487	107	36804	51.672	ng	94
18) Hexachloroethane	9.127	117	16904	49.728	ng	# 64
19) n-Nitroso-di-n-propyla...	8.845	70	31832	47.189	ng	# 90
20) 3+4-Methylphenols	8.816	107	51686	51.717	ng	98
22) Acetophenone	8.863	105	66125	48.406	ng	# 95
24) Nitrobenzene	9.245	77	48384	47.249	ng	# 86
25) Isophorone	9.768	82	91407	48.509	ng	# 91
26) 2-Nitrophenol	9.962	139	26277	52.085	ng	# 85
27) 2,4-Dimethylphenol	10.020	122	42393	60.074	ng	96
28) bis(2-Chloroethoxy)met...	10.249	93	50164	52.298	ng	# 98
29) 2,4-Dichlorophenol	10.502	162	55410	54.176	ng	90
30) 1,2,4-Trichlorobenzene	10.714	180	62086	49.200	ng	# 94
31) Naphthalene	10.902	128	134057	47.162	ng	100
32) Benzoic acid	10.179	122	22172	61.453	ng	# 72
33) 4-Chloroaniline	11.007	127	41445	35.061	ng	96
34) Hexachlorobutadiene	11.190	225	52798	50.424	ng	96
35) Caprolactam	11.777	113	16006m	54.951	ng	
36) 4-Chloro-3-methylphenol	12.136	107	53951	54.828	ng	# 86
37) 2-Methylnaphthalene	12.500	142	103966	47.727	ng	98
38) 1-Methylnaphthalene	12.723	142	99943	47.256	ng	98
40) 1,2,4,5-Tetrachloroben...	12.870	216	95428	50.334	ng	# 95
41) Hexachlorocyclopentadiene	12.852	237	81979	100.362	ng	98
43) 2,4,6-Trichlorophenol	13.111	196	58835	54.035	ng	93

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44) 2,4,5-Trichlorophenol	13.187	196	65580	55.062	ng	# 90
46) 1,1'-Biphenyl	13.504	154	154755	49.271	ng	97
47) 2-Chloronaphthalene	13.552	162	128847	49.071	ng	96
48) 2-Nitroaniline	13.751	65	37776	50.833	ng	89
49) Acenaphthylene	14.392	152	196330	49.288	ng	98
50) Dimethylphthalate	14.121	163	186727	50.918	ng	99
51) 2,6-Dinitrotoluene	14.245	165	43031	53.985	ng	# 72
52) Acenaphthene	14.732	154	117195	48.643	ng	99
53) 3-Nitroaniline	14.574	138	27957	39.569	ng	90
54) 2,4-Dinitrophenol	14.785	184	52610	116.783	ng	# 79
55) Dibenzofuran	15.067	168	213456	50.441	ng	95
56) 4-Nitrophenol	14.897	139	60993	134.372	ng	95
57) 2,4-Dinitrotoluene	15.032	165	62644	54.276	ng	# 86
58) Fluorene	15.720	166	179413	51.035	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.297	232	69863	58.564	ng	# 87
60) Diethylphthalate	15.479	149	188086	52.585	ng	96
61) 4-Chlorophenyl-phenyle...	15.708	204	117801	52.753	ng	# 86
62) 4-Nitroaniline	15.737	138	40430	54.786	ng	91
63) Azobenzene	15.996	77	134882	50.039	ng	86
65) 4,6-Dinitro-2-methylph...	15.802	198	43028	50.183	ng	76
66) n-Nitrosodiphenylamine	15.919	169	170198	46.296	ng	94
67) 4-Bromophenyl-phenylether	16.601	248	93235	47.960	ng	# 87
68) Hexachlorobenzene	16.730	284	106095	47.815	ng	# 89
69) Atrazine	16.865	200	95419	58.767	ng	94
70) Pentachlorophenol	17.071	266	108199	105.930	ng	93
71) Phenanthrene	17.459	178	347168	47.617	ng	98
72) Anthracene	17.547	178	355603	49.803	ng	99
73) Carbazole	17.817	167	306726	50.727	ng	98
74) Di-n-butylphthalate	18.369	149	361971	50.555	ng	98
75) Fluoranthene	19.468	202	483576	48.771	ng	95
77) Benzidine	19.638	184	207649	67.762	ng	98
78) Pyrene	19.826	202	483670	48.143	ng	97
80) Butylbenzylphthalate	20.708	149	153075	47.024	ng	# 85
81) Benzo(a)anthracene	21.671	228	525697	47.606	ng	100
82) 3,3'-Dichlorobenzidine	21.577	252	131733	39.031	ng	# 96
83) Chrysene	21.736	228	489888	46.906	ng	98
84) Bis(2-ethylhexyl)phtha...	21.566	149	220978	47.845	ng	# 91
85) Di-n-octyl phthalate	22.782	149	370207	46.560	ng	# 92
87) Indeno(1,2,3-cd)pyrene	28.634	276	657362	46.942	ng	# 98
88) Benzo(b)fluoranthene	23.898	252	564103	51.105	ng	# 97
89) Benzo(k)fluoranthene	23.969	252	528550	48.266	ng	# 99
90) Benzo(a)pyrene	24.780	252	491629	52.054	ng	99
91) Dibenzo(a,h)anthracene	28.698	278	568523	49.557	ng	# 97
92) Benzo(g,h,i)perylene	29.797	276	565795	49.447	ng	# 93

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

