

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060322\
 Data File : BG053816.D
 Acq On : 3 Jun 2022 16:58
 Operator : CG/JU
 Sample : N3170-04MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20220424-AMENDED-COMPOSITE-DMS

Quant Time: Jun 04 03:05:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 06/06/2022
 Supervised By : Jagrut Upadhyay 06/06/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.096	152	27856	20.000	ng	0.00
21) Naphthalene-d8	10.905	136	111933	20.000	ng	0.00
39) Acenaphthene-d10	14.718	164	75974	20.000	ng	0.00
64) Phenanthrene-d10	17.462	188	170826	20.000	ng	0.00
76) Chrysene-d12	21.739	240	170290	20.000	ng	0.00
86) Perylene-d12	25.006	264	181811	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	15151	9.988	ng	0.00
7) Phenol-d6	7.244	99	69473	33.810	ng	0.00
23) Nitrobenzene-d5	9.254	82	130265	76.423	ng	0.00
42) 2,4,6-Tribromophenol	16.199	330	1952	2.117	ng	0.00
45) 2-Fluorobiphenyl	13.343	172	302203	59.507	ng	0.00
79) Terphenyl-d14	20.065	244	499387	58.341	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.549	88	25526	34.801	ng	Qvalue
3) Pyridine	3.948	79	65650	36.926	ng	# 88
4) n-Nitrosodimethylamine	3.860	42	40897	50.946	ng	88
6) Aniline	7.415	93	106385	42.539	ng	96
8) 2-Chlorophenol	7.656	128	83583	53.827	ng	96
9) Benzaldehyde	7.221	77	55800	40.725	ng	94
10) Phenol	7.268	94	108389	51.048	ng	83
11) bis(2-Chloroethyl)ether	7.503	93	79963	47.881	ng	93
12) 1,3-Dichlorobenzene	7.985	146	94437	47.791	ng	96
13) 1,4-Dichlorobenzene	8.132	146	94833	47.191	ng	92
14) 1,2-Dichlorobenzene	8.449	146	92706	48.154	ng	97
15) Benzyl Alcohol	8.326	79	79034	51.385	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.619	45	131659	44.934	ng	96
17) 2-Methylphenol	8.525	107	72509	49.959	ng	99
18) Hexachloroethane	9.183	117	32552	48.957	ng	91
19) n-Nitroso-di-n-propyla...	8.895	70	66450	45.659	ng	# 79
20) 3+4-Methylphenols	8.854	107	100455	50.944	ng	90
22) Acetophenone	8.913	105	127132	45.996	ng	96
24) Nitrobenzene	9.295	77	94264	49.648	ng	# 97
25) Isophorone	9.818	82	182688	47.818	ng	# 88
26) 2-Nitrophenol	10.006	139	41058	65.442	ng	96
27) 2,4-Dimethylphenol	10.065	122	80345	58.500	ng	# 84
28) bis(2-Chloroethoxy)met...	10.300	93	106768	51.428	ng	90
29) 2,4-Dichlorophenol	10.546	162	92117	55.843	ng	96
30) 1,2,4-Trichlorobenzene	10.764	180	101307	48.523	ng	90
31) Naphthalene	10.952	128	261489	45.645	ng	94
32) Benzoic acid	10.188	122	50746	55.874	ng	99
33) 4-Chloroaniline	11.052	127	86115	36.258	ng	# 84
34) Hexachlorobutadiene	11.246	225	73395	49.621	ng	94
35) Caprolactam	11.827	113	24889	52.792	ng	97
36) 4-Chloro-3-methylphenol	12.162	107	89848	51.177	ng	89
37) 2-Methylnaphthalene	12.556	142	188607	45.383	ng	92
38) 1-Methylnaphthalene	12.773	142	178553	43.935	ng	96
40) 1,2,4,5-Tetrachloroben...	12.920	216	132767	52.041	ng	98
41) Hexachlorocyclopentadiene	12.903	237	57326	44.205	ng	96
43) 2,4,6-Trichlorophenol	13.149	196	79866	57.723	ng	94
						98

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44) 2,4,5-Trichlorophenol	13.220	196	85480	55.526	ng	95
46) 1,1'-Biphenyl	13.555	154	258943	47.823	ng	98
47) 2-Chloronaphthalene	13.596	162	201326	47.793	ng	97
48) 2-Nitroaniline	13.784	65	59789	54.974	ng	94
49) Acenaphthylene	14.442	152	330784	48.948	ng	99
50) Dimethylphthalate	14.166	163	252772	45.399	ng	99
51) 2,6-Dinitrotoluene	14.277	165	53919	53.533	ng	# 82
52) Acenaphthene	14.783	154	200306	46.654	ng	97
53) 3-Nitroaniline	14.606	138	47922	44.495	ng	89
54) 2,4-Dinitrophenol	14.812	184	27592	57.214	ng	# 84
55) Dibenzofuran	15.112	168	314308	45.922	ng	95
56) 4-Nitrophenol	14.906	139	86262	96.169	ng	# 88
57) 2,4-Dinitrotoluene	15.065	165	73576	53.584	ng	90
58) Fluorene	15.764	166	253036	44.651	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.335	232	79227m	47.314	ng	
60) Diethylphthalate	15.529	149	250621	44.445	ng	97
61) 4-Chlorophenyl-phenyle...	15.752	204	143947	47.116	ng	93
62) 4-Nitroaniline	15.770	138	50739	43.607	ng	# 73
63) Azobenzene	16.046	77	223686	42.395	ng	91
65) 4,6-Dinitro-2-methylph...	15.828	198	23920	37.905	ng	89
66) n-Nitrosodiphenylamine	15.964	169	227676	50.121	ng	98
67) 4-Bromophenyl-phenylether	16.645	248	97121	52.326	ng	94
68) Hexachlorobenzene	16.769	284	105079	50.790	ng	94
69) Atrazine	16.910	200	92049	51.755	ng	96
70) Pentachlorophenol	17.109	266	126881	95.433	ng	98
71) Phenanthrene	17.503	178	419000	46.599	ng	97
72) Anthracene	17.591	178	421738	47.925	ng	99
73) Carbazole	17.856	167	371191	46.730	ng	98
74) Di-n-butylphthalate	18.420	149	423733	46.390	ng	# 98
75) Fluoranthene	19.512	202	513082	43.995	ng	96
77) Benzidine	19.683	184	286005	68.684	ng	97
78) Pyrene	19.871	202	522310	48.230	ng	98
80) Butylbenzylphthalate	20.752	149	183437	51.937	ng	93
81) Benzo(a)anthracene	21.722	228	542053	47.947	ng	99
82) 3,3'-Dichlorobenzidine	21.628	252	180600	56.677	ng	98
83) Chrysene	21.786	228	502395	47.079	ng	97
84) Bis(2-ethylhexyl)phtha...	21.633	149	371033	73.054	ng	95
85) Di-n-octyl phthalate	22.867	149	463137	54.834	ng	99
87) Indeno(1,2,3-cd)pyrene	28.749	276	606833	45.283	ng	# 99
88) Benzo(b)fluoranthene	23.972	252	558828	49.509	ng	99
89) Benzo(k)fluoranthene	24.042	252	511692	45.863	ng	97
90) Benzo(a)pyrene	24.853	252	531347	55.662	ng	# 98
91) Dibenzo(a,h)anthracene	28.819	278	537382	48.527	ng	97
92) Benzo(g,h,i)perylene	29.912	276	480257	43.998	ng	94

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

