

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042822\
 Data File : BG053368.D
 Acq On : 28 Apr 2022 16:07
 Operator : CG/JU
 Sample : N2577-10MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GT-04-(25-30)MS

Quant Time: Apr 29 03:21:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/29/2022
 Supervised By : Jagrut Upadhyay 04/29/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	26573	20.000	ng	0.00
21) Naphthalene-d8	10.913	136	103934	20.000	ng	# 0.00
39) Acenaphthene-d10	14.725	164	75870	20.000	ng	0.00
64) Phenanthrene-d10	17.474	188	183758	20.000	ng	0.00
76) Chrysene-d12	21.763	240	188197	20.000	ng	0.00
86) Perylene-d12	25.052	264	198915	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	193174	124.614	ng	0.00
7) Phenol-d6	7.271	99	274253	114.724	ng	0.00
23) Nitrobenzene-d5	9.268	82	190258	74.327	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	126223	104.570	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	380581	69.169	ng	0.00
79) Terphenyl-d14	20.077	244	746773	67.016	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.546	88	36471	49.265	ng	# 90
3) Pyridine	3.946	79	85277	43.675	ng	# 87
4) n-Nitrosodimethylamine	3.864	42	50816	52.556	ng	# 88
6) Aniline	7.423	93	93092	33.601	ng	95
8) 2-Chlorophenol	7.670	128	89940	53.742	ng	95
9) Benzaldehyde	7.235	77	67904m	47.520	ng	
10) Phenol	7.294	94	124468	52.308	ng	93
11) bis(2-Chloroethyl)ether	7.512	93	87002	50.721	ng	89
12) 1,3-Dichlorobenzene	7.993	146	98392m	50.595	ng	
13) 1,4-Dichlorobenzene	8.140	146	100280	50.580	ng	98
14) 1,2-Dichlorobenzene	8.457	146	93401	48.854	ng	99
15) Benzyl Alcohol	8.340	79	101625m	47.827	ng	
16) 2,2'-oxybis(1-Chloropr...	8.628	45	140894	49.199	ng	97
17) 2-Methylphenol	8.545	107	82668	51.339	ng	94
18) Hexachloroethane	9.192	117	37969	51.070	ng	96
19) n-Nitroso-di-n-propyla...	8.904	70	81599	46.624	ng	# 97
20) 3+4-Methylphenols	8.874	107	113596	49.974	ng	93
22) Acetophenone	8.921	105	142366	49.374	ng	98
24) Nitrobenzene	9.309	77	122896	49.360	ng	92
25) Isophorone	9.832	82	217815	50.063	ng	# 97
26) 2-Nitrophenol	10.020	139	50838	48.830	ng	92
27) 2,4-Dimethylphenol	10.079	122	85536	57.365	ng	91
28) bis(2-Chloroethoxy)met...	10.308	93	115543	47.271	ng	97
29) 2,4-Dichlorophenol	10.566	162	96284	51.365	ng	99
30) 1,2,4-Trichlorobenzene	10.778	180	99507	46.903	ng	97
31) Naphthalene	10.966	128	264476	47.696	ng	98
32) Benzoic acid	10.243	122	51424m	52.615	ng	
33) 4-Chloroaniline	11.071	127	57167	24.074	ng	94
34) Hexachlorobutadiene	11.254	225	73724	46.781	ng	94
35) Caprolactam	11.841	113	34303m	51.917	ng	
36) 4-Chloro-3-methylphenol	12.193	107	104281	47.785	ng	95
37) 2-Methylnaphthalene	12.563	142	189097	46.086	ng	97
38) 1-Methylnaphthalene	12.781	142	182701	45.617	ng	93
40) 1,2,4,5-Tetrachloroben...	12.934	216	119445	46.354	ng	98
41) Hexachlorocyclopentadiene	12.910	237	118298	88.932	ng	92
43) 2,4,6-Trichlorophenol	13.169	196	81231	45.722	ng	96

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44) 2,4,5-Trichlorophenol	13.245	196	90706	47.911	ng	95
46) 1,1'-Biphenyl	13.562	154	253893	46.469	ng	99
47) 2-Chloronaphthalene	13.609	162	201684	46.268	ng	97
48) 2-Nitroaniline	13.809	65	78558	47.489	ng	94
49) Acenaphthylene	14.455	152	338251	49.570	ng	97
50) Dimethylphthalate	14.179	163	272124	44.843	ng	98
51) 2,6-Dinitrotoluene	14.296	165	58428	46.153	ng	# 84
52) Acenaphthene	14.790	154	243659m	52.655	ng	
53) 3-Nitroaniline	14.631	138	35875	26.799	ng	88
54) 2,4-Dinitrophenol	14.843	184	72619	90.152	ng	# 88
55) Dibenzofuran	15.125	168	324869	44.835	ng	97
56) 4-Nitrophenol	14.948	139	92182	90.291	ng	# 74
57) 2,4-Dinitrotoluene	15.089	165	83915	46.558	ng	90
58) Fluorene	15.777	166	267596	45.725	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.354	232	83321m	45.319	ng	
60) Diethylphthalate	15.536	149	280053	44.046	ng	99
61) 4-Chlorophenyl-phenyle...	15.759	204	145506	43.861	ng	98
62) 4-Nitroaniline	15.794	138	59651	42.229	ng	# 74
63) Azobenzene	16.053	77	289483	45.158	ng	98
65) 4,6-Dinitro-2-methylph...	15.853	198	53295	41.571	ng	95
66) n-Nitrosodiphenylamine	15.977	169	238984	45.226	ng	97
67) 4-Bromophenyl-phenylether	16.652	248	104068	44.198	ng	96
68) Hexachlorobenzene	16.787	284	114910	45.064	ng	93
69) Atrazine	16.916	200	104946	50.842	ng	98
70) Pentachlorophenol	17.128	266	138477	99.367	ng	89
71) Phenanthrene	17.516	178	459914	45.821	ng	99
72) Anthracene	17.610	178	472765	47.544	ng	99
73) Carbazole	17.874	167	427575	44.235	ng	100
74) Di-n-butylphthalate	18.426	149	505987	46.156	ng	99
75) Fluoranthene	19.525	202	592899	46.083	ng	100
77) Benzidine	19.695	184	312232	58.149	ng	99
78) Pyrene	19.883	202	598917	44.684	ng	99
80) Butylbenzylphthalate	20.758	149	230909	46.209	ng	99
81) Benzo(a)anthracene	21.739	228	606809	47.158	ng	98
82) 3,3'-Dichlorobenzidine	21.645	252	133471	28.204	ng	99
83) Chrysene	21.810	228	550482	46.096	ng	99
84) Bis(2-ethylhexyl)phtha...	21.628	149	326796	48.382	ng	99
85) Di-n-octyl phthalate	22.861	149	551904	48.856	ng	97
87) Indeno(1,2,3-cd)pyrene	28.836	276	682372	46.174	ng	# 97
88) Benzo(b)fluoranthene	24.007	252	633018	50.438	ng	98
89) Benzo(k)fluoranthene	24.077	252	588056	47.675	ng	99
90) Benzo(a)pyrene	24.900	252	605413	56.624	ng	99
91) Dibenzo(a,h)anthracene	28.888	278	580899	47.758	ng	99
92) Benzo(g,h,i)perylene	30.010	276	584520	48.756	ng	97

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

