

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061522\
 Data File : BG053921.D
 Acq On : 15 Jun 2022 16:35
 Operator : CG/JU
 Sample : N3339-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-226-(26-28)MS

Quant Time: Jun 15 17:17:30 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 13 15:49:31 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/16/2022
 Supervised By :mohammad ahmed 06/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.084	152	18437	20.000	ng	0.00
21) Naphthalene-d8	10.893	136	72258	20.000	ng	# 0.00
39) Acenaphthene-d10	14.706	164	57060	20.000	ng	0.00
64) Phenanthrene-d10	17.450	188	153624	20.000	ng	# 0.00
76) Chrysene-d12	21.727	240	173852	20.000	ng	# 0.00
86) Perylene-d12	24.988	264	188672	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	96351	99.916	ng	0.00
7) Phenol-d6	7.238	99	131301	100.370	ng	0.00
23) Nitrobenzene-d5	9.242	82	83032	64.575	ng	0.00
42) 2,4,6-Tribromophenol	16.192	330	102918	112.262	ng	0.00
45) 2-Fluorobiphenyl	13.331	172	247569	63.091	ng	0.00
79) Terphenyl-d14	20.058	244	569326	65.957	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.542	88	15657	37.142	ng	# 91
3) Pyridine	3.936	79	40263	35.792	ng	97
4) n-Nitrosodimethylamine	3.848	42	26394	53.342	ng	# 97
6) Aniline	7.403	93	66284	42.737	ng	100
8) 2-Chlorophenol	7.649	128	54983	53.400	ng	92
9) Benzaldehyde	7.215	77	29503	38.213	ng	# 73
10) Phenol	7.261	94	68229	51.464	ng	98
11) bis(2-Chloroethyl)ether	7.497	93	47269	46.452	ng	92
12) 1,3-Dichlorobenzene	7.972	146	59840	46.381	ng	91
13) 1,4-Dichlorobenzene	8.119	146	62274	48.050	ng	98
14) 1,2-Dichlorobenzene	8.442	146	58870	47.318	ng	98
15) Benzyl Alcohol	8.313	79	52806	54.009	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.607	45	67585	44.429	ng	96
17) 2-Methylphenol	8.519	107	47436	51.506	ng	95
18) Hexachloroethane	9.171	117	20433	47.525	ng	# 77
19) n-Nitroso-di-n-propyla...	8.889	70	41054	46.712	ng	# 94
20) 3+4-Methylphenols	8.842	107	64141	49.661	ng	94
22) Acetophenone	8.907	105	82038	46.708	ng	# 95
24) Nitrobenzene	9.283	77	60870	48.073	ng	# 86
25) Isophorone	9.811	82	116155	48.369	ng	# 94
26) 2-Nitrophenol	9.999	139	29815	53.311	ng	# 78
27) 2,4-Dimethylphenol	10.058	122	55622	61.447	ng	87
28) bis(2-Chloroethoxy)met...	10.287	93	65319	50.491	ng	96
29) 2,4-Dichlorophenol	10.534	162	64465	53.116	ng	92
30) 1,2,4-Trichlorobenzene	10.757	180	72338	48.136	ng	91
31) Naphthalene	10.945	128	165862	45.469	ng	99
32) Benzoic acid	10.211	122	18982m	48.102	ng	
33) 4-Chloroaniline	11.039	127	37713	24.921	ng	92
34) Hexachlorobutadiene	11.233	225	58414	50.558	ng	97
35) Caprolactam	11.803	113	19442m	58.190	ng	
36) 4-Chloro-3-methylphenol	12.156	107	61734	52.325	ng	# 86
37) 2-Methylnaphthalene	12.544	142	126066	46.711	ng	97
38) 1-Methylnaphthalene	12.761	142	119598	45.511	ng	100
40) 1,2,4,5-Tetrachloroben...	12.914	216	105544	48.004	ng	96
41) Hexachlorocyclopentadiene	12.896	237	134182	131.064	ng	97
43) 2,4,6-Trichlorophenol	13.143	196	63547	51.454	ng	99

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44) 2,4,5-Trichlorophenol	13.213	196	70332	51.002	ng	# 92
46) 1,1'-Biphenyl	13.542	154	183470	46.161	ng	98
47) 2-Chloronaphthalene	13.589	162	150759	46.869	ng	95
48) 2-Nitroaniline	13.783	65	42636	49.829	ng	90
49) Acenaphthylene	14.430	152	240580	48.099	ng	100
50) Dimethylphthalate	14.159	163	206673	47.559	ng	# 99
51) 2,6-Dinitrotoluene	14.271	165	45708	52.060	ng	# 83
52) Acenaphthene	14.770	154	170195m	53.382	ng	
53) 3-Nitroaniline	14.600	138	28258	33.221	ng	93
54) 2,4-Dinitrophenol	14.811	184	52068	105.054	ng	# 76
55) Dibenzofuran	15.105	168	243298	47.363	ng	94
56) 4-Nitrophenol	14.905	139	64903	107.472	ng	91
57) 2,4-Dinitrotoluene	15.058	165	65496	52.820	ng	88
58) Fluorene	15.752	166	197420	46.808	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.329	232	68475	50.776	ng	# 90
60) Diethylphthalate	15.517	149	201939	47.985	ng	95
61) 4-Chlorophenyl-phenyle...	15.740	204	128969	51.077	ng	# 88
62) 4-Nitroaniline	15.763	138	42652	48.082	ng	# 79
63) Azobenzene	16.034	77	160209	47.294	ng	90
65) 4,6-Dinitro-2-methylph...	15.822	198	39941	52.113	ng	83
66) n-Nitrosodiphenylamine	15.957	169	186743	46.642	ng	95
67) 4-Bromophenyl-phenylether	16.639	248	94105	49.046	ng	90
68) Hexachlorobenzene	16.762	284	107030	48.766	ng	# 91
69) Atrazine	16.897	200	87335	52.657	ng	96
70) Pentachlorophenol	17.103	266	113229	111.062	ng	98
71) Phenanthrene	17.491	178	359319	45.525	ng	97
72) Anthracene	17.585	178	366780	47.588	ng	99
73) Carbazole	17.849	167	317118	47.935	ng	99
74) Di-n-butylphthalate	18.407	149	356175	46.564	ng	# 98
75) Fluoranthene	19.500	202	479850	46.313	ng	96
77) Benzidine	19.670	184	280260	77.844	ng	98
78) Pyrene	19.858	202	480053	45.718	ng	98
80) Butylbenzylphthalate	20.746	149	154961	46.042	ng	86
81) Benzo(a)anthracene	21.709	228	523949	46.546	ng	99
82) 3,3'-Dichlorobenzidine	21.615	252	120644	35.873	ng	# 99
83) Chrysene	21.774	228	481816	44.904	ng	98
84) Bis(2-ethylhexyl)phtha...	21.615	149	225309	46.807	ng	# 93
85) Di-n-octyl phthalate	22.843	149	391046	47.266	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.713	276	653498	45.898	ng	# 97
88) Benzo(b)fluoranthene	23.954	252	564864m	49.240	ng	
89) Benzo(k)fluoranthene	24.024	252	529383	46.608	ng	99
90) Benzo(a)pyrene	24.835	252	534623	55.235	ng	99
91) Dibenzo(a,h)anthracene	28.783	278	561945	47.728	ng	# 97
92) Benzo(g,h,i)perylene	29.888	276	560972	48.280	ng	96

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

