

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060222\
 Data File : BG053801.D
 Acq On : 2 Jun 2022 21:37
 Operator : CG/JU
 Sample : N2987-04MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P033-SS001-1824-01MSD

Quant Time: Jun 03 02:28:22 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 06/03/2022
 Supervised By : Jagrut Upadhyay 06/03/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.095	152	7695	20.000	ng	0.00
21) Naphthalene-d8	10.897	136	43279	20.000	ng	0.00
39) Acenaphthene-d10	14.716	164	47211	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	171732	20.000	ng	0.00
76) Chrysene-d12	21.737	240	188606	20.000	ng	# 0.00
86) Perylene-d12	24.998	264	183541	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	65123	155.411	ng	0.00
7) Phenol-d6	7.237	99	102214	180.072	ng	0.00
23) Nitrobenzene-d5	9.246	82	56178	85.240	ng	0.00
42) 2,4,6-Tribromophenol	16.197	330	98598	172.051	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	197193	62.486	ng	0.00
79) Terphenyl-d14	20.063	244	854905	90.175	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.547	88	7528	37.153	ng	# 87
3) Pyridine	3.946	79	20069	40.863	ng	# 86
4) n-Nitrosodimethylamine	3.858	42	12507	56.401	ng	91
6) Aniline	7.407	93	30180	43.685	ng	98
8) 2-Chlorophenol	7.654	128	31048	72.381	ng	93
9) Benzaldehyde	7.225	77	18285	48.309	ng	90
10) Phenol	7.266	94	45681	77.883	ng	95
11) bis(2-Chloroethyl)ether	7.501	93	26371	57.162	ng	99
12) 1,3-Dichlorobenzene	7.983	146	27548	50.467	ng	94
13) 1,4-Dichlorobenzene	8.130	146	28079	50.581	ng	97
14) 1,2-Dichlorobenzene	8.447	146	28162	52.954	ng	97
15) Benzyl Alcohol	8.318	79	33711	79.343	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.617	45	43576	53.837	ng	99
17) 2-Methylphenol	8.523	107	32436	80.902	ng	90
18) Hexachloroethane	9.187	117	9093	49.506	ng	89
19) n-Nitroso-di-n-propyla...	8.894	70	27068	67.329	ng	92
20) 3+4-Methylphenols	8.847	107	45888	84.242	ng	95
22) Acetophenone	8.911	105	50498	47.252	ng	# 97
24) Nitrobenzene	9.287	77	35543	48.490	ng	93
25) Isophorone	9.816	82	82173	55.628	ng	97
26) 2-Nitrophenol	10.004	139	14242	59.000	ng	# 74
27) 2,4-Dimethylphenol	10.057	122	38985	73.413	ng	95
28) bis(2-Chloroethoxy)met...	10.298	93	44609	55.573	ng	99
29) 2,4-Dichlorophenol	10.539	162	44442	69.680	ng	92
30) 1,2,4-Trichlorobenzene	10.762	180	36157	44.790	ng	97
31) Naphthalene	10.950	128	102049	46.071	ng	100
32) Benzoic acid	10.174	122	37028	91.289	ng	# 83
33) 4-Chloroaniline	11.044	127	28780	31.340	ng	97
34) Hexachlorobutadiene	11.244	225	22472	39.293	ng	95
35) Caprolactam	11.802	113	19926m	109.310	ng	
36) 4-Chloro-3-methylphenol	12.160	107	56298	82.935	ng	90
37) 2-Methylnaphthalene	12.548	142	86218	53.656	ng	96
38) 1-Methylnaphthalene	12.766	142	86274	54.903	ng	97
40) 1,2,4,5-Tetrachloroben...	12.918	216	59769	37.701	ng	98
41) Hexachlorocyclopentadiene	12.901	237	61177	75.916	ng	98
43) 2,4,6-Trichlorophenol	13.147	196	47752	55.539	ng	96

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44) 2,4,5-Trichlorophenol	13.218	196	57775	60.394	ng	95
46) 1,1'-Biphenyl	13.553	154	139361	41.419	ng	99
47) 2-Chloronaphthalene	13.594	162	109386	41.788	ng	99
48) 2-Nitroaniline	13.782	65	39227	57.761	ng	92
49) Acenaphthylene	14.434	152	207590	49.433	ng	100
50) Dimethylphthalate	14.164	163	179956	52.013	ng	99
51) 2,6-Dinitrotoluene	14.275	165	36512	57.974	ng	# 83
52) Acenaphthene	14.781	154	144693	54.233	ng	99
53) 3-Nitroaniline	14.605	138	26659	40.230	ng	81
54) 2,4-Dinitrophenol	14.810	184	49063	155.510	ng	# 75
55) Dibenzofuran	15.110	168	210318	49.450	ng	94
56) 4-Nitrophenol	14.904	139	96369	169.207	ng	# 84
57) 2,4-Dinitrotoluene	15.063	165	59033	67.907	ng	90
58) Fluorene	15.756	166	185723	52.739	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.333	232	65052	61.847	ng	# 97
60) Diethylphthalate	15.527	149	201748	57.576	ng	97
61) 4-Chlorophenyl-phenyle...	15.750	204	99344	52.328	ng	93
62) 4-Nitroaniline	15.768	138	53283	72.100	ng	# 75
63) Azobenzene	16.044	77	175020	53.381	ng	93
65) 4,6-Dinitro-2-methylph...	15.827	198	35062	52.701	ng	89
66) n-Nitrosodiphenylamine	15.962	169	186679	40.879	ng	97
67) 4-Bromophenyl-phenylether	16.643	248	76395	40.943	ng	96
68) Hexachlorobenzene	16.767	284	88579	42.589	ng	96
69) Atrazine	16.908	200	98899	55.313	ng	97
70) Pentachlorophenol	17.102	266	144254	107.298	ng	97
71) Phenanthrene	17.501	178	416938	46.125	ng	98
72) Anthracene	17.589	178	425473	48.094	ng	99
73) Carbazole	17.854	167	442612	55.427	ng	99
74) Di-n-butylphthalate	18.418	149	499229	54.366	ng	# 98
75) Fluoranthene	19.505	202	659891	56.284	ng	95
77) Benzidine	19.675	184	216991	47.050	ng	98
78) Pyrene	19.869	202	669297	55.800	ng	98
80) Butylbenzylphthalate	20.756	149	234687	59.995	ng	92
81) Benzo(a)anthracene	21.714	228	586583	46.847	ng	98
82) 3,3'-Dichlorobenzidine	21.626	252	96756	27.416	ng	97
83) Chrysene	21.784	228	528685	44.731	ng	97
84) Bis(2-ethylhexyl)phtha...	21.632	149	295413	52.516	ng	95
85) Di-n-octyl phthalate	22.865	149	472670	50.528	ng	98
87) Indeno(1,2,3-cd)pyrene	28.735	276	622379	46.005	ng	# 96
88) Benzo(b)fluoranthene	23.964	252	560600m	49.198	ng	
89) Benzo(k)fluoranthene	24.035	252	520012	46.169	ng	98
90) Benzo(a)pyrene	24.845	252	528775	54.870	ng	# 98
91) Dibenzo(a,h)anthracene	28.806	278	537016	48.037	ng	98
92) Benzo(g,h,i)perylene	29.898	276	533739	48.436	ng	94

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

