

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032222\
 Data File : BG052784.D
 Acq On : 22 Mar 2022 14:00
 Operator : CG/JU
 Sample : N1974-13MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-3MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/23/2022
 Supervised By : Jagrut Upadhyay 03/23/2022

Quant Time: Mar 22 16:38:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 15:56:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	43632	20.000	ng	-0.01
21) Naphthalene-d8	10.960	136	177912	20.000	ng	-0.01
39) Acenaphthene-d10	14.766	164	131398	20.000	ng	0.00
64) Phenanthrene-d10	17.510	188	323627	20.000	ng	0.00
76) Chrysene-d12	21.798	240	312726	20.000	ng	-0.01
86) Perylene-d12	25.117	264	335228	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	310483	123.925	ng	0.00
7) Phenol-d6	7.294	99	434763	115.103	ng	0.00
23) Nitrobenzene-d5	9.303	82	340856	96.158	ng	-0.01
42) 2,4,6-Tribromophenol	16.253	330	249317	141.205	ng	0.00
45) 2-Fluorobiphenyl	13.392	172	750896	84.283	ng	-0.01
79) Terphenyl-d14	20.112	244	1480333	84.204	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.587	88	47546	37.937	ng	# 90
3) Pyridine	3.987	79	97940	30.485	ng	# 94
4) n-Nitrosodimethylamine	3.899	42	63420	44.499	ng	# 95
6) Aniline	7.464	93	171847	38.801	ng	96
8) 2-Chlorophenol	7.705	128	125519	47.679	ng	93
9) Benzaldehyde	7.276	77	95848	48.517	ng	97
10) Phenol	7.323	94	158354	42.471	ng	96
11) bis(2-Chloroethyl)ether	7.553	93	127073	45.130	ng	93
12) 1,3-Dichlorobenzene	8.034	146	139017	43.858	ng	93
13) 1,4-Dichlorobenzene	8.181	146	144260	45.298	ng	97
14) 1,2-Dichlorobenzene	8.498	146	139603	46.350	ng	98
15) Benzyl Alcohol	8.375	79	146004	45.908	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.669	45	202747	41.348	ng	98
17) 2-Methylphenol	8.581	107	115813	46.593	ng	98
18) Hexachloroethane	9.238	117	51559	44.126	ng	98
19) n-Nitroso-di-n-propyla...	8.951	70	120904	45.195	ng	98
20) 3+4-Methylphenols	8.904	107	158670	45.614	ng	96
22) Acetophenone	8.962	105	206284	44.805	ng	# 98
24) Nitrobenzene	9.344	77	182083	51.338	ng	90
25) Isophorone	9.873	82	333614	48.605	ng	98
26) 2-Nitrophenol	10.067	139	69897	56.749	ng	93
27) 2,4-Dimethylphenol	10.114	122	122053	48.437	ng	91
28) bis(2-Chloroethoxy)met...	10.349	93	179115	44.134	ng	97
29) 2,4-Dichlorophenol	10.601	162	136115	48.006	ng	98
30) 1,2,4-Trichlorobenzene	10.819	180	146488	43.795	ng	98
31) Naphthalene	11.007	128	406811	44.218	ng	99
32) Benzoic acid	10.184	122	15911m	13.171	ng	
33) 4-Chloroaniline	11.107	127	98815	25.341	ng	98
34) Hexachlorobutadiene	11.300	225	100950	42.095	ng	98
35) Caprolactam	11.876	113	40942	52.882	ng	# 80
36) 4-Chloro-3-methylphenol	12.217	107	157528	47.844	ng	93
37) 2-Methylnaphthalene	12.605	142	293621	43.580	ng	94
38) 1-Methylnaphthalene	12.822	142	281204	42.765	ng	96
40) 1,2,4,5-Tetrachloroben...	12.969	216	179904	43.824	ng	98
41) Hexachlorocyclopentadiene	12.957	237	194053	79.748	ng	94
43) 2,4,6-Trichlorophenol	13.198	196	126200	48.004	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.274	196	138045	51.734	ng	97
46) 1,1'-Biphenyl	13.603	154	404412	44.010	ng	98
47) 2-Chloronaphthalene	13.644	162	320628	44.306	ng	96
48) 2-Nitroaniline	13.838	65	122958	62.128	ng	97
49) Acenaphthylene	14.490	152	539932	46.805	ng	98
50) Dimethylphthalate	14.214	163	444384	45.505	ng	99
51) 2,6-Dinitrotoluene	14.326	165	95289	57.793	ng	91
52) Acenaphthene	14.831	154	310515	42.016	ng	94
53) 3-Nitroaniline	14.655	138	83426	43.240	ng	89
54) 2,4-Dinitrophenol	14.854	184	10879	12.105	ng #	1
55) Dibenzofuran	15.160	168	520639	43.140	ng	99
56) 4-Nitrophenol	14.954	139	142418	90.492	ng	84
57) 2,4-Dinitrotoluene	15.113	165	134997	59.010	ng	90
58) Fluorene	15.812	166	428951	43.602	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.383	232	134074	47.009	ng	98
60) Diethylphthalate	15.571	149	470894	45.681	ng	98
61) 4-Chlorophenyl-phenyle...	15.800	204	234181	43.163	ng	97
62) 4-Nitroaniline	15.818	138	107323	52.644	ng	91
63) Azobenzene	16.094	77	468511	42.523	ng	99
65) 4,6-Dinitro-2-methylph...	15.877	198	18061	12.518	ng	98
66) n-Nitrosodiphenylamine	16.012	169	398159	43.700	ng	99
67) 4-Bromophenyl-phenylether	16.693	248	164815	42.242	ng	97
68) Hexachlorobenzene	16.816	284	184962	44.103	ng	94
69) Atrazine	16.957	200	166093	49.439	ng	96
70) Pentachlorophenol	17.157	266	174290	66.988	ng	89
71) Phenanthrene	17.551	178	762215	44.025	ng	97
72) Anthracene	17.645	178	763844	44.630	ng	99
73) Carbazole	17.903	167	709980	41.885	ng	99
74) Di-n-butylphthalate	18.461	149	829777	44.810	ng	98
75) Fluoranthene	19.554	202	952637	43.347	ng	97
77) Benzidine	19.730	184	445657	55.252	ng	98
78) Pyrene	19.918	202	950293	43.807	ng	99
80) Butylbenzylphthalate	20.799	149	361836	47.022	ng	99
81) Benzo(a)anthracene	21.780	228	935760	44.686	ng	98
82) 3,3'-Dichlorobenzidine	21.686	252	255703	34.579	ng	98
83) Chrysene	21.845	228	852811	43.320	ng	99
84) Bis(2-ethylhexyl)phtha...	21.680	149	506725	48.422	ng	99
85) Di-n-octyl phthalate	22.926	149	863849	49.586	ng	97
87) Indeno(1,2,3-cd)pyrene	28.918	276	1033191	45.028	ng	99
88) Benzo(b)fluoranthene	24.065	252	953232	45.796	ng	99
89) Benzo(k)fluoranthene	24.136	252	929530	45.390	ng	99
90) Benzo(a)pyrene	24.958	252	918578	52.136	ng	100
91) Dibenzo(a,h)anthracene	28.988	278	893995	47.284	ng	97
92) Benzo(g,h,i)perylene	30.110	276	887183	47.425	ng #	97

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

