

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031522\
 Data File : BG052665.D
 Acq On : 15 Mar 2022 13:33
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/16/2022
 Supervised By : Jagrut Upadhyay 03/16/2022

Quant Time: Mar 15 15:34:47 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 14:40:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.157	152	50311	20.000	ng	0.00
21) Naphthalene-d8	10.977	136	189374	20.000	ng	0.00
39) Acenaphthene-d10	14.777	164	137865	20.000	ng	0.00
64) Phenanthrene-d10	17.521	188	328315	20.000	ng	0.00
76) Chrysene-d12	21.815	240	295295	20.000	ng	0.00
86) Perylene-d12	25.140	264	315719	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	405585	139.267	ng	0.00
7) Phenol-d6	7.305	99	619918	147.075	ng	0.00
23) Nitrobenzene-d5	9.326	82	620042	148.425	ng	0.00
42) 2,4,6-Tribromophenol	16.264	330	305020	155.997	ng	0.00
45) 2-Fluorobiphenyl	13.409	172	1357465	132.901	ng	0.00
79) Terphenyl-d14	20.129	244	2365205	141.734	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.598	88	98623	73.620	ng	97
3) Pyridine	4.004	79	280096m	79.044	ng	
4) n-Nitrosodimethylamine	3.910	42	124522	73.737	ng	97
6) Aniline	7.481	93	359657	75.627	ng	96
8) 2-Chlorophenol	7.722	128	213233	69.392	ng	94
10) Phenol	7.334	94	304791	73.109	ng	92
11) bis(2-Chloroethyl)ether	7.569	93	224466	70.101	ng	95
12) 1,3-Dichlorobenzene	8.051	146	254141	69.397	ng	97
13) 1,4-Dichlorobenzene	8.192	146	253324	67.888	ng	97
14) 1,2-Dichlorobenzene	8.515	146	237050	65.630	ng	98
15) Benzyl Alcohol	8.392	79	266332	81.714	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.686	45	371003	85.907	ng	97
17) 2-Methylphenol	8.592	107	202980	73.592	ng	96
18) Hexachloroethane	9.249	117	98872	78.293	ng	92
19) n-Nitroso-di-n-propyla...	8.973	70	212766	74.594	ng	# 97
20) 3+4-Methylphenols	8.926	107	289342	75.855	ng	93
22) Acetophenone	8.985	105	360907	73.787	ng	# 94
24) Nitrobenzene	9.367	77	303336	77.645	ng	94
25) Isophorone	9.902	82	569345	81.958	ng	98
26) 2-Nitrophenol	10.078	139	121009	68.233	ng	94
27) 2,4-Dimethylphenol	10.131	122	201503	78.903	ng	97
28) bis(2-Chloroethoxy)met...	10.371	93	326091	77.895	ng	98
29) 2,4-Dichlorophenol	10.612	162	242631	79.853	ng	98
30) 1,2,4-Trichlorobenzene	10.830	180	277284	73.753	ng	96
31) Naphthalene	11.024	128	724732	72.726	ng	99
32) Benzoic acid	10.301	122	166584	112.289	ng	96
33) 4-Chloroaniline	11.123	127	317020	78.627	ng	98
34) Hexachlorobutadiene	11.317	225	201010	81.830	ng	97
35) Caprolactam	11.928	113	70532m	69.145	ng	
36) 4-Chloro-3-methylphenol	12.234	107	277751	83.460	ng	95
37) 2-Methylnaphthalene	12.621	142	532199	73.919	ng	97
38) 1-Methylnaphthalene	12.833	142	515595	72.930	ng	# 95
40) 1,2,4,5-Tetrachloroben...	12.986	216	329941	71.549	ng	99
41) Hexachlorocyclopentadiene	12.968	237	205670	99.460	ng	93
43) 2,4,6-Trichlorophenol	13.215	196	218450	76.865	ng	100
44) 2,4,5-Trichlorophenol	13.285	196	220155	71.522	ng	96

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46) 1,1'-Biphenyl	13.620	154	712920	69.137	ng	98
47) 2-Chloronaphthalene	13.661	162	564210	70.345	ng	95
48) 2-Nitroaniline	13.849	65	190262	73.680	ng	95
49) Acenaphthylene	14.501	152	896965	70.617	ng	97
50) Dimethylphthalate	14.231	163	770232	73.546	ng	99
51) 2,6-Dinitrotoluene	14.343	165	153672	67.138	ng	# 82
52) Acenaphthene	14.848	154	592302	76.905	ng	97
53) 3-Nitroaniline	14.672	138	171693	72.890	ng	96
54) 2,4-Dinitrophenol	14.871	184	86330	79.855	ng	# 82
55) Dibenzofuran	15.177	168	932803	71.423	ng	96
56) 4-Nitrophenol	14.965	139	139688	85.016	ng	88
57) 2,4-Dinitrotoluene	15.130	165	219904	68.262	ng	91
58) Fluorene	15.823	166	743614	70.104	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.394	232	243264	86.063	ng	98
60) Diethylphthalate	15.594	149	812632	77.312	ng	100
61) 4-Chlorophenyl-phenyle...	15.817	204	421723	71.266	ng	98
62) 4-Nitroaniline	15.841	138	175738	70.600	ng	85
63) Azobenzene	16.105	77	835467	80.486	ng	97
65) 4,6-Dinitro-2-methylph...	15.893	198	133622	64.097	ng	99
66) n-Nitrosodiphenylamine	16.029	169	682519	73.979	ng	100
67) 4-Bromophenyl-phenylether	16.710	248	303469	74.676	ng	99
68) Hexachlorobenzene	16.833	284	322706	74.301	ng	94
69) Atrazine	16.968	200	235604	69.464	ng	99
70) Pentachlorophenol	17.168	266	218064	115.183	ng	93
71) Phenanthrene	17.568	178	1278062	74.196	ng	99
72) Anthracene	17.656	178	1239575	73.504	ng	99
73) Carbazole	17.920	167	1204512	72.978	ng	98
74) Di-n-butylphthalate	18.478	149	1355803	75.265	ng	# 96
75) Fluoranthene	19.571	202	1561188	72.585	ng	95
77) Benzidine	19.735	184	627752	102.477	ng	99
78) Pyrene	19.929	202	1545116	78.281	ng	98
80) Butylbenzylphthalate	20.816	149	583880	81.345	ng	98
81) Benzo(a)anthracene	21.791	228	1468510	74.225	ng	97
82) 3,3'-Dichlorobenzidine	21.703	252	529552	77.054	ng	96
83) Chrysene	21.862	228	1381859	74.701	ng	97
84) Bis(2-ethylhexyl)phtha...	21.703	149	778974	77.634	ng	99
85) Di-n-octyl phthalate	22.960	149	1323882	79.591	ng	96
87) Indeno(1,2,3-cd)pyrene	28.964	276	1656645	73.221	ng	99
88) Benzo(b)fluoranthene	24.088	252	1490915	76.485	ng	96
89) Benzo(k)fluoranthene	24.159	252	1411581	72.006	ng	98
90) Benzo(a)pyrene	24.987	252	1263179	76.588	ng	99
91) Dibenzo(a,h)anthracene	29.046	278	1343658	71.566	ng	98
92) Benzo(g,h,i)perylene	30.168	276	1369642	74.741	ng	96

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

