

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010522\
 Data File : BG051880.D
 Acq On : 5 Jan 2022 14:28
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/07/2022
 Supervised By : Jagrut Upadhyay 01/07/2022

Quant Time: Jan 07 06:19:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 07 06:16:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	28957	20.000	ng	0.00
21) Naphthalene-d8	11.095	136	116002	20.000	ng	# 0.00
39) Acenaphthene-d10	14.896	164	86772	20.000	ng	0.00
64) Phenanthrene-d10	17.639	188	217770	20.000	ng	0.00
76) Chrysene-d12	21.963	240	212092	20.000	ng	0.00
86) Perylene-d12	25.441	264	225613	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	202360	108.028	ng	0.00
7) Phenol-d6	7.400	99	301280	114.193	ng	0.00
23) Nitrobenzene-d5	9.427	82	330125	129.909	ng	0.00
42) 2,4,6-Tribromophenol	16.382	330	151284	164.034	ng	0.00
45) 2-Fluorobiphenyl	13.521	172	703668	122.368	ng	0.00
79) Terphenyl-d14	20.236	244	1365190	117.671	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.617	88	45419	57.824	ng	98
3) Pyridine	4.028	79	140653m	60.191	ng	
4) n-Nitrosodimethylamine	3.934	42	76002	75.647	ng	# 89
6) Aniline	7.571	93	173303	55.296	ng	99
8) 2-Chlorophenol	7.817	128	102967	52.375	ng	95
10) Phenol	7.424	94	149898	55.346	ng	98
11) bis(2-Chloroethyl)ether	7.659	93	108177	52.832	ng	97
12) 1,3-Dichlorobenzene	8.146	146	117833	56.024	ng	96
13) 1,4-Dichlorobenzene	8.293	146	118924	54.541	ng	98
14) 1,2-Dichlorobenzene	8.616	146	114290	55.256	ng	95
15) Benzyl Alcohol	8.487	79	130043	61.692	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.787	45	166842	56.368	ng	98
17) 2-Methylphenol	8.693	107	99383	54.354	ng	94
18) Hexachloroethane	9.356	117	42279	51.889	ng	98
19) n-Nitroso-di-n-propyla...	9.063	70	115375	59.244	ng	98
20) 3+4-Methylphenols	9.022	107	138732	53.240	ng	97
22) Acetophenone	9.080	105	182673	58.290	ng	# 99
24) Nitrobenzene	9.474	77	157759	64.013	ng	98
25) Isophorone	9.997	82	281914	61.622	ng	99
26) 2-Nitrophenol	10.191	139	64063	57.423	ng	94
27) 2,4-Dimethylphenol	10.243	122	93771	56.944	ng	94
28) bis(2-Chloroethoxy)met...	10.473	93	155601	57.116	ng	99
29) 2,4-Dichlorophenol	10.731	162	112152	60.345	ng	98
30) 1,2,4-Trichlorobenzene	10.954	180	131894	63.180	ng	98
31) Naphthalene	11.142	128	350913	57.327	ng	98
32) Benzoic acid	10.384	122	79844	74.885	ng	95
33) 4-Chloroaniline	11.242	127	155184	58.993	ng	96
34) Hexachlorobutadiene	11.430	225	90260	70.028	ng	96
35) Caprolactam	12.018	113	44347	89.347	ng	98
36) 4-Chloro-3-methylphenol	12.352	107	133120	58.012	ng	95
37) 2-Methylnaphthalene	12.734	142	258593	59.629	ng	97
38) 1-Methylnaphthalene	12.952	142	254081m	60.012	ng	
40) 1,2,4,5-Tetrachloroben...	13.098	216	161174	61.116	ng	100
41) Hexachlorocyclopentadiene	13.081	237	102116	190.366	ng	95
43) 2,4,6-Trichlorophenol	13.333	196	115694	63.628	ng	97
44) 2,4,5-Trichlorophenol	13.410	196	121203	61.673	ng	95

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46) 1,1'-Biphenyl	13.727	154	357806	57.365	ng	98
47) 2-Chloronaphthalene	13.780	162	280388	56.780	ng	97
48) 2-Nitroaniline	13.968	65	115304	64.602	ng	94
49) Acenaphthylene	14.620	152	455181	57.815	ng	99
50) Dimethylphthalate	14.338	163	390194	58.368	ng	99
51) 2,6-Dinitrotoluene	14.455	165	86438	61.905	ng	92
52) Acenaphthene	14.961	154	304141	66.189	ng	99
53) 3-Nitroaniline	14.790	138	93900	60.033	ng	99
54) 2,4-Dinitrophenol	14.984	184	55148	78.585	ng	# 83
55) Dibenzofuran	15.290	168	466868	58.505	ng	99
56) 4-Nitrophenol	15.084	139	76043	69.112	ng	97
57) 2,4-Dinitrotoluene	15.243	165	123573	61.785	ng	92
58) Fluorene	15.936	166	377356	60.229	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.513	232	119083	70.579	ng	99
60) Diethylphthalate	15.695	149	405621	57.537	ng	98
61) 4-Chlorophenyl-phenyle...	15.924	204	220431	64.356	ng	99
62) 4-Nitroaniline	15.953	138	96711	57.819	ng	94
63) Azobenzene	16.218	77	427181	60.505	ng	99
65) 4,6-Dinitro-2-methylph...	16.006	198	85481	65.728	ng	98
66) n-Nitrosodiphenylamine	16.135	169	339948	54.397	ng	99
67) 4-Bromophenyl-phenylether	16.817	248	148366	62.991	ng	98
68) Hexachlorobenzene	16.946	284	156219	65.255	ng	99
69) Atrazine	17.081	200	150577	90.601	ng	94
70) Pentachlorophenol	17.287	266	101587	93.342	ng	97
71) Phenanthrene	17.686	178	631056	53.914	ng	98
72) Anthracene	17.774	178	616976	53.134	ng	99
73) Carbazole	18.039	167	615400	53.881	ng	99
74) Di-n-butylphthalate	18.585	149	705752	51.040	ng	99
75) Fluoranthene	19.684	202	821240	56.912	ng	99
77) Benzidine	19.854	184	349322	100.305	ng	98
78) Pyrene	20.048	202	815802	53.038	ng	100
80) Butylbenzylphthalate	20.917	149	307451	46.886	ng	99
81) Benzo(a)anthracene	21.939	228	809607	55.973	ng	98
82) 3,3'-Dichlorobenzidine	21.839	252	304564	47.120	ng	97
83) Chrysene	22.010	228	760333	55.984	ng	99
84) Bis(2-ethylhexyl)phtha...	21.822	149	429592	47.031	ng	98
85) Di-n-octyl phthalate	23.126	149	713698	46.633	ng	99
87) Indeno(1,2,3-cd)pyrene	29.464	276	912468	56.355	ng	# 99
88) Benzo(b)fluoranthene	24.330	252	789038	56.734	ng	97
89) Benzo(k)fluoranthene	24.407	252	789962	55.995	ng	97
90) Benzo(a)pyrene	25.282	252	682463	56.550	ng	100
91) Dibenzo(a,h)anthracene	29.547	278	739617	55.448	ng	98
92) Benzo(g,h,i)perylene	30.727	276	738666	55.991	ng	99

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

