

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031722\
 Data File : BG052692.D
 Acq On : 17 Mar 2022 14:54
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/18/2022
 Supervised By : Jagrut Upadhyay 03/18/2022

Quant Time: Mar 17 15:44:39 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	8.153	152	49216	20.000	ng	0.00
21) Naphthalene-d8	10.966	136	188994	20.000	ng	# 0.00
39) Acenaphthene-d10	14.779	164	131848	20.000	ng	0.00
64) Phenanthrene-d10	17.516	188	308181	20.000	ng	0.00
76) Chrysene-d12	21.805	240	295851	20.000	ng	0.00
86) Perylene-d12	25.130	264	321817	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.709	112	216080	76.460	ng	0.00
7) Phenol-d6	7.301	99	317432	74.505	ng	0.00
23) Nitrobenzene-d5	9.316	82	318524	84.589	ng	0.00
42) 2,4,6-Tribromophenol	16.259	330	132564	74.824	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	699726	78.271	ng	0.00
79) Terphenyl-d14	20.119	244	1280483	76.991	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.600	88	56233	39.778	ng	95
3) Pyridine	4.005	79	149090	41.141	ng	93
4) n-Nitrosodimethylamine	3.911	42	62264	38.731	ng	90
6) Aniline	7.471	93	182158	36.463	ng	99
8) 2-Chlorophenol	7.712	128	111416	37.520	ng	94
9) Benzaldehyde	7.283	77	90825	38.333	ng	94
10) Phenol	7.324	94	154795	36.806	ng	94
11) bis(2-Chloroethyl)ether	7.565	93	117690	37.055	ng	92
12) 1,3-Dichlorobenzene	8.047	146	129401m	36.193	ng	
13) 1,4-Dichlorobenzene	8.188	146	133871	37.266	ng	96
14) 1,2-Dichlorobenzene	8.511	146	122857	36.162	ng	97
15) Benzyl Alcohol	8.388	79	130220	36.299	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.681	45	198659	35.917	ng	95
17) 2-Methylphenol	8.581	107	101013	36.028	ng	97
18) Hexachloroethane	9.245	117	48579	36.858	ng	92
19) n-Nitroso-di-n-propyla...	8.957	70	108180	35.850	ng	# 97
20) 3+4-Methylphenols	8.910	107	147010	37.467	ng	98
22) Acetophenone	8.975	105	186373	38.106	ng	# 95
24) Nitrobenzene	9.357	77	152936	40.591	ng	93
25) Isophorone	9.886	82	275319	37.760	ng	# 98
26) 2-Nitrophenol	10.074	139	57652	44.063	ng	92
27) 2,4-Dimethylphenol	10.121	122	103521	38.674	ng	97
28) bis(2-Chloroethoxy)met...	10.361	93	164835	38.234	ng	98
29) 2,4-Dichlorophenol	10.602	162	119115	39.547	ng	96
30) 1,2,4-Trichlorobenzene	10.831	180	139059	39.137	ng	95
31) Naphthalene	11.019	128	372525	38.117	ng	99
32) Benzoic acid	10.250	122	74069	38.532	ng	91
33) 4-Chloroaniline	11.119	127	156641	37.815	ng	99
34) Hexachlorobutadiene	11.313	225	101707	39.923	ng	98
35) Caprolactam	11.889	113	34547	42.005	ng	93
36) 4-Chloro-3-methylphenol	12.224	107	135053	38.613	ng	99
37) 2-Methylnaphthalene	12.611	142	265081	37.037	ng	96
38) 1-Methylnaphthalene	12.611	142	265081	37.949	ng	97
40) 1,2,4,5-Tetrachloroben...	12.981	216	166148	40.335	ng	99
41) Hexachlorocyclopentadiene	12.964	237	101283	41.481	ng	95
43) 2,4,6-Trichlorophenol	13.211	196	111430	42.241	ng	95

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44) 2,4,5-Trichlorophenol	13.281	196	118729	44.343	ng	98
46) 1,1'-Biphenyl	13.610	154	357838	38.809	ng	98
47) 2-Chloronaphthalene	13.657	162	286081	39.397	ng	96
48) 2-Nitroaniline	13.845	65	91427	46.038	ng	92
49) Acenaphthylene	14.497	152	449446	38.828	ng	99
50) Dimethylphthalate	14.221	163	379574	38.736	ng	99
51) 2,6-Dinitrotoluene	14.338	165	73201	44.245	ng	# 87
52) Acenaphthene	14.838	154	293021	39.514	ng	95
53) 3-Nitroaniline	14.661	138	83892	43.333	ng	# 89
54) 2,4-Dinitrophenol	14.861	184	40973	45.433	ng	# 47
55) Dibenzofuran	15.173	168	466467	38.519	ng	99
56) 4-Nitrophenol	14.955	139	67691	42.864	ng	89
57) 2,4-Dinitrotoluene	15.120	165	100275	43.682	ng	# 88
58) Fluorene	15.819	166	370217	37.504	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.390	232	115559	40.379	ng	98
60) Diethylphthalate	15.584	149	394050	38.096	ng	99
61) 4-Chlorophenyl-phenyle...	15.813	204	206050	37.849	ng	97
62) 4-Nitroaniline	15.825	138	84261	41.191	ng	88
63) Azobenzene	16.101	77	418259	37.832	ng	96
65) 4,6-Dinitro-2-methylph...	15.883	198	63400	46.145	ng	96
66) n-Nitrosodiphenylamine	16.018	169	330896	38.138	ng	99
67) 4-Bromophenyl-phenylether	16.706	248	133700	35.984	ng	97
68) Hexachlorobenzene	16.823	284	156920	39.292	ng	91
69) Atrazine	16.964	200	126375	39.502	ng	98
70) Pentachlorophenol	17.158	266	100584	40.597	ng	95
71) Phenanthrene	17.558	178	632605	38.370	ng	98
72) Anthracene	17.652	178	624110	38.293	ng	98
73) Carbazole	17.910	167	601659	37.273	ng	99
74) Di-n-butylphthalate	18.474	149	684163	38.798	ng	98
75) Fluoranthene	19.567	202	793959	37.938	ng	98
77) Benzidine	19.731	184	286393	37.532	ng	98
78) Pyrene	19.925	202	796342	38.804	ng	99
80) Butylbenzylphthalate	20.806	149	294009	40.387	ng	97
81) Benzo(a)anthracene	21.787	228	768747	38.805	ng	99
82) 3,3'-Dichlorobenzidine	21.693	252	274489	39.236	ng	99
83) Chrysene	21.858	228	719222	38.618	ng	99
84) Bis(2-ethylhexyl)phtha...	21.699	149	394534	39.851	ng	100
85) Di-n-octyl phthalate	22.950	149	667613	40.507	ng	97
87) Indeno(1,2,3-cd)pyrene	28.936	276	876015	39.769	ng	# 96
88) Benzo(b)fluoranthene	24.072	252	757833	37.926	ng	98
89) Benzo(k)fluoranthene	24.149	252	737515	37.514	ng	99
90) Benzo(a)pyrene	24.971	252	653721	38.650	ng	97
91) Dibenzo(a,h)anthracene	29.007	278	712352	39.247	ng	100
92) Benzo(g,h,i)perylene	30.123	276	711980	39.645	ng	96

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

