

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050322\
 Data File : BG053411.D
 Acq On : 3 May 2022 10:48
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/04/2022
 Supervised By : Jagrut Upadhyay 05/04/2022

Quant Time: May 04 06:05:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 06:03:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.096	152	33235	20.000	ng	0.00
21) Naphthalene-d8	10.916	136	133883	20.000	ng	0.00
39) Acenaphthene-d10	14.728	164	98895	20.000	ng	0.00
64) Phenanthrene-d10	17.471	188	235117	20.000	ng	0.00
76) Chrysene-d12	21.754	240	231769	20.000	ng	0.00
86) Perylene-d12	25.044	264	244541	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	165623	85.424	ng	0.00
7) Phenol-d6	7.262	99	254134	84.998	ng	0.00
23) Nitrobenzene-d5	9.265	82	271856	82.447	ng	0.00
42) 2,4,6-Tribromophenol	16.214	330	127180	80.832	ng	0.00
45) 2-Fluorobiphenyl	13.348	172	585492	81.636	ng	0.00
79) Terphenyl-d14	20.074	244	1075741	78.389	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.549	88	40295	43.520	ng	96
3) Pyridine	3.949	79	110528	45.261	ng	# 89
4) n-Nitrosodimethylamine	3.861	42	54404	44.988	ng	91
6) Aniline	7.426	93	142157	41.026	ng	97
8) 2-Chlorophenol	7.667	128	87827	41.960	ng	93
9) Benzaldehyde	7.232	77	72178m	40.386	ng	
10) Phenol	7.291	94	125959	42.323	ng	91
11) bis(2-Chloroethyl)ether	7.514	93	92236	42.994	ng	89
12) 1,3-Dichlorobenzene	7.990	146	100779	41.434	ng	# 93
13) 1,4-Dichlorobenzene	8.137	146	101914	41.100	ng	95
14) 1,2-Dichlorobenzene	8.460	146	97863	40.927	ng	100
15) Benzyl Alcohol	8.337	79	108825	40.949	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.625	45	150994	42.157	ng	98
17) 2-Methylphenol	8.542	107	84721	42.067	ng	96
18) Hexachloroethane	9.189	117	38860	41.791	ng	98
19) n-Nitroso-di-n-propyla...	8.907	70	92413	42.219	ng	# 97
20) 3+4-Methylphenols	8.871	107	117962	41.492	ng	90
22) Acetophenone	8.924	105	155455	41.853	ng	# 96
24) Nitrobenzene	9.306	77	131162	40.896	ng	# 89
25) Isophorone	9.829	82	228929	40.847	ng	98
26) 2-Nitrophenol	10.023	139	55814	41.617	ng	# 86
27) 2,4-Dimethylphenol	10.076	122	78606	40.925	ng	93
28) bis(2-Chloroethoxy)met...	10.305	93	129506	41.131	ng	98
29) 2,4-Dichlorophenol	10.563	162	101573	42.065	ng	97
30) 1,2,4-Trichlorobenzene	10.775	180	112329	41.103	ng	99
31) Naphthalene	10.963	128	291251	40.775	ng	99
32) Benzoic acid	10.246	122	48423	39.438	ng	89
33) 4-Chloroaniline	11.068	127	123334	40.320	ng	96
34) Hexachlorobutadiene	11.251	225	83353	41.060	ng	97
35) Caprolactam	11.850	113	34291	40.289	ng	# 88
36) 4-Chloro-3-methylphenol	12.190	107	116702	41.514	ng	95
37) 2-Methylnaphthalene	12.560	142	214848	40.649	ng	96
38) 1-Methylnaphthalene	12.778	142	208126m	40.341	ng	
40) 1,2,4,5-Tetrachloroben...	12.931	216	138584	41.259	ng	100
41) Hexachlorocyclopentadiene	12.907	237	67302	38.816	ng	90
43) 2,4,6-Trichlorophenol	13.166	196	92972	40.147	ng	99

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44) 2,4,5-Trichlorophenol	13.248	196	99240	40.215	ng	97
46) 1,1'-Biphenyl	13.559	154	290094	40.733	ng	99
47) 2-Chloronaphthalene	13.606	162	229630	40.414	ng	96
48) 2-Nitroaniline	13.806	65	90437	41.941	ng	92
49) Acenaphthylene	14.452	152	366821	41.241	ng	99
50) Dimethylphthalate	14.176	163	318610	40.279	ng	100
51) 2,6-Dinitrotoluene	14.293	165	66355	40.211	ng	# 81
52) Acenaphthene	14.793	154	244268m	40.497	ng	
53) 3-Nitroaniline	14.628	138	75594	43.323	ng	98
54) 2,4-Dinitrophenol	14.840	184	37104	35.338	ng	# 88
55) Dibenzofuran	15.122	168	383257	40.579	ng	97
56) 4-Nitrophenol	14.945	139	49450	37.159	ng	# 77
57) 2,4-Dinitrotoluene	15.086	165	96987	41.283	ng	91
58) Fluorene	15.774	166	309237	40.538	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.351	232	96583	40.301	ng	99
60) Diethylphthalate	15.533	149	329776	39.791	ng	99
61) 4-Chlorophenyl-phenyle...	15.756	204	173440	40.109	ng	97
62) 4-Nitroaniline	15.791	138	76097	41.329	ng	# 79
63) Azobenzene	16.050	77	341624	40.885	ng	96
65) 4,6-Dinitro-2-methylph...	15.856	198	68213	41.585	ng	95
66) n-Nitrosodiphenylamine	15.974	169	278265	41.156	ng	99
67) 4-Bromophenyl-phenylether	16.655	248	124450	41.309	ng	95
68) Hexachlorobenzene	16.784	284	132198	40.519	ng	94
69) Atrazine	16.913	200	103379	39.143	ng	99
70) Pentachlorophenol	17.131	266	67731	37.985	ng	90
71) Phenanthrene	17.513	178	524905	40.872	ng	98
72) Anthracene	17.607	178	515459	40.514	ng	98
73) Carbazole	17.871	167	506618	40.963	ng	99
74) Di-n-butylphthalate	18.417	149	575651	41.040	ng	98
75) Fluoranthene	19.522	202	671266	40.777	ng	99
77) Benzidine	19.692	184	243674	36.849	ng	99
78) Pyrene	19.880	202	665602	40.323	ng	100
80) Butylbenzylphthalate	20.755	149	255328	41.490	ng	98
81) Benzo(a)anthracene	21.736	228	651839	41.134	ng	99
82) 3,3'-Dichlorobenzidine	21.642	252	230932	39.625	ng	96
83) Chrysene	21.807	228	600313	40.818	ng	98
84) Bis(2-ethylhexyl)phtha...	21.625	149	352314	42.354	ng	99
85) Di-n-octyl phthalate	22.852	149	587892	42.258	ng	97
87) Indeno(1,2,3-cd)pyrene	28.815	276	753748	41.488	ng	# 97
88) Benzo(b)fluoranthene	24.004	252	638848	41.405	ng	99
89) Benzo(k)fluoranthene	24.068	252	621751	41.002	ng	99
90) Benzo(a)pyrene	24.891	252	550020	41.845	ng	97
91) Dibenzo(a,h)anthracene	28.885	278	613201	41.008	ng	99
92) Benzo(g,h,i)perylene	30.007	276	612819	41.580	ng	97

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

