

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021722\
 Data File : BG052414.D
 Acq On : 17 Feb 2022 9:43
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/22/2022
 Supervised By : Jagrut Upadhyay 02/22/2022

Quant Time: Feb 21 01:01:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	26082	20.000	ng	0.00
21) Naphthalene-d8	11.066	136	112205	20.000	ng	# 0.00
39) Acenaphthene-d10	14.873	164	85974	20.000	ng	0.00
64) Phenanthrene-d10	17.616	188	210461	20.000	ng	0.00
76) Chrysene-d12	21.934	240	216452	20.000	ng	0.00
86) Perylene-d12	25.394	264	229766	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.750	112	125248	83.694	ng	0.00
7) Phenol-d6	7.365	99	182463	79.022	ng	0.00
23) Nitrobenzene-d5	9.398	82	192684	74.634	ng	0.00
42) 2,4,6-Tribromophenol	16.359	330	94278	76.329	ng	0.00
45) 2-Fluorobiphenyl	13.492	172	462331	74.723	ng	0.00
79) Terphenyl-d14	20.213	244	908696	74.133	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.582	88	28439	41.271	ng	# 90
3) Pyridine	3.993	79	82437	41.249	ng	99
4) n-Nitrosodimethylamine	3.899	42	38233	37.049	ng	84
6) Aniline	7.536	93	103185	38.464	ng	97
8) 2-Chlorophenol	7.788	128	65627	39.864	ng	92
9) Benzaldehyde	7.348	77	50487m	37.696	ng	
10) Phenol	7.401	94	90951	39.644	ng	93
11) bis(2-Chloroethyl)ether	7.624	93	67570	38.532	ng	97
12) 1,3-Dichlorobenzene	8.111	146	74966	39.967	ng	92
13) 1,4-Dichlorobenzene	8.258	146	74266	38.839	ng	97
14) 1,2-Dichlorobenzene	8.587	146	73030	38.726	ng	94
15) Benzyl Alcohol	8.458	79	72424	37.792	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.752	45	95025	37.526	ng	96
17) 2-Methylphenol	8.664	107	60557	40.001	ng	91
18) Hexachloroethane	9.327	117	26489	39.840	ng	96
19) n-Nitroso-di-n-propyla...	9.028	70	65088	37.391	ng	96
20) 3+4-Methylphenols	8.998	107	84843	39.172	ng	95
22) Acetophenone	9.051	105	109740	37.005	ng	# 95
24) Nitrobenzene	9.439	77	91401	37.322	ng	94
25) Isophorone	9.968	82	165961	37.780	ng	98
26) 2-Nitrophenol	10.162	139	40828	39.333	ng	90
27) 2,4-Dimethylphenol	10.214	122	58975	38.374	ng	93
28) bis(2-Chloroethoxy)met...	10.443	93	95563	38.333	ng	98
29) 2,4-Dichlorophenol	10.708	162	70811	38.440	ng	96
30) 1,2,4-Trichlorobenzene	10.925	180	82575	38.388	ng	97
31) Naphthalene	11.113	128	226892	38.572	ng	95
32) Benzoic acid	10.355	122	32149m	34.301	ng	
33) 4-Chloroaniline	11.213	127	95086	38.718	ng	99
34) Hexachlorobutadiene	11.401	225	55317	38.078	ng	96
35) Caprolactam	11.971	113	26345	39.243	ng	# 90
36) 4-Chloro-3-methylphenol	12.329	107	81298	38.792	ng	98
37) 2-Methylnaphthalene	12.711	142	168884	38.655	ng	97
38) 1-Methylnaphthalene	12.928	142	164695m	38.902	ng	
40) 1,2,4,5-Tetrachloroben...	13.075	216	103230	36.505	ng	98
41) Hexachlorocyclopentadiene	13.058	237	42002	34.068	ng	96
43) 2,4,6-Trichlorophenol	13.310	196	69335	37.490	ng	95

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44) 2,4,5-Trichlorophenol	13.387	196	74854	37.348	ng	92
46) 1,1'-Biphenyl	13.704	154	232370	36.859	ng	100
47) 2-Chloronaphthalene	13.751	162	179103	36.875	ng	98
48) 2-Nitroaniline	13.945	65	64039	37.034	ng	95
49) Acenaphthylene	14.597	152	296636	37.518	ng	99
50) Dimethylphthalate	14.309	163	243657	36.996	ng	99
51) 2,6-Dinitrotoluene	14.432	165	53347	37.536	ng	94
52) Acenaphthene	14.932	154	190865m	36.860	ng	
53) 3-Nitroaniline	14.767	138	57713	39.068	ng	# 94
54) 2,4-Dinitrophenol	14.973	184	27224	33.939	ng	97
55) Dibenzofuran	15.266	168	302070	37.095	ng	99
56) 4-Nitrophenol	15.073	139	43581	39.283	ng	# 80
57) 2,4-Dinitrotoluene	15.219	165	78398	38.757	ng	# 87
58) Fluorene	15.913	166	248205	38.181	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.490	232	73501	38.389	ng	# 96
60) Diethylphthalate	15.666	149	251529	37.806	ng	97
61) 4-Chlorophenyl-phenyle...	15.901	204	137606	37.160	ng	98
62) 4-Nitroaniline	15.924	138	63132	40.594	ng	# 85
63) Azobenzene	16.195	77	253422	37.208	ng	94
65) 4,6-Dinitro-2-methylph...	15.989	198	49928	39.436	ng	93
66) n-Nitrosodiphenylamine	16.112	169	219621	37.874	ng	96
67) 4-Bromophenyl-phenylether	16.794	248	96259	37.610	ng	97
68) Hexachlorobenzene	16.929	284	102270	36.841	ng	93
69) Atrazine	17.052	200	89290	38.087	ng	94
70) Pentachlorophenol	17.270	266	50164	36.938	ng	99
71) Phenanthrene	17.663	178	415143	38.264	ng	97
72) Anthracene	17.751	178	409403	38.508	ng	99
73) Carbazole	18.016	167	408473	39.393	ng	99
74) Di-n-butylphthalate	18.556	149	454331	40.214	ng	99
75) Fluoranthene	19.666	202	545087	39.456	ng	100
77) Benzidine	19.831	184	182540	39.467	ng	99
78) Pyrene	20.025	202	547527	37.803	ng	98
80) Butylbenzylphthalate	20.894	149	203539	40.457	ng	96
81) Benzo(a)anthracene	21.916	228	549545	38.367	ng	100
82) 3,3'-Dichlorobenzidine	21.816	252	189092	37.816	ng	99
83) Chrysene	21.987	228	511106	37.656	ng	100
84) Bis(2-ethylhexyl)phtha...	21.787	149	278721	39.954	ng	98
85) Di-n-octyl phthalate	23.079	149	472859	40.429	ng	95
87) Indeno(1,2,3-cd)pyrene	29.406	276	635679	37.807	ng	# 95
88) Benzo(b)fluoranthene	24.295	252	545605	38.106	ng	97
89) Benzo(k)fluoranthene	24.366	252	534153	37.765	ng	99
90) Benzo(a)pyrene	25.235	252	454810	37.603	ng	99
91) Dibenzo(a,h)anthracene	29.471	278	521683	37.559	ng	96
92) Benzo(g,h,i)perylene	30.651	276	515881	37.846	ng	# 96

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

