

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
 Data File : BG053290.D
 Acq On : 23 Apr 2022 13:09
 Operator : CG/JU
 Sample : N2526-04MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-5SMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/25/2022
 Supervised By : Jagrut Upadhyay 04/25/2022

Quant Time: Apr 24 02:48:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	26999	20.000	ng	0.00
21) Naphthalene-d8	10.918	136	117046	20.000	ng	0.00
39) Acenaphthene-d10	14.731	164	89399	20.000	ng	0.00
64) Phenanthrene-d10	17.474	188	216132	20.000	ng	0.00
76) Chrysene-d12	21.762	240	205808	20.000	ng	0.00
86) Perylene-d12	25.058	264	215669	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	223994	142.215	ng	0.00
7) Phenol-d6	7.270	99	333887	137.466	ng	0.00
23) Nitrobenzene-d5	9.268	82	228051	79.111	ng	0.00
42) 2,4,6-Tribromophenol	16.223	330	170677	120.001	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	521165	80.385	ng	0.00
79) Terphenyl-d14	20.076	244	999211	81.997	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.552	88	30508	40.560	ng	Qvalue
3) Pyridine	3.951	79	79007	39.826	ng	# 93
4) n-Nitrosodimethylamine	3.863	42	50722	51.631	ng	# 91
6) Aniline	7.429	93	124528	44.239	ng	91
8) 2-Chlorophenol	7.676	128	101188	59.509	ng	93
9) Benzaldehyde	7.235	77	72779m	50.128	ng	96
10) Phenol	7.300	94	139518	57.707	ng	91
11) bis(2-Chloroethyl)ether	7.517	93	91747	52.643	ng	93
12) 1,3-Dichlorobenzene	7.999	146	103242	52.251	ng	96
13) 1,4-Dichlorobenzene	8.140	146	104306	51.781	ng	99
14) 1,2-Dichlorobenzene	8.463	146	101450	52.226	ng	99
15) Benzyl Alcohol	8.345	79	113363m	52.509	ng	
16) 2,2'-oxybis(1-Chloropr...	8.627	45	150389	51.686	ng	98
17) 2-Methylphenol	8.551	107	93722	57.285	ng	97
18) Hexachloroethane	9.197	117	39041	51.684	ng	96
19) n-Nitroso-di-n-propyla...	8.909	70	91623	51.526	ng	97
20) 3+4-Methylphenols	8.880	107	129424	56.038	ng	94
22) Acetophenone	8.927	105	157568	48.524	ng	93
24) Nitrobenzene	9.315	77	137613	49.079	ng	93
25) Isophorone	9.837	82	251887	51.409	ng	99
26) 2-Nitrophenol	10.025	139	59132	50.434	ng	# 91
27) 2,4-Dimethylphenol	10.084	122	98781	58.827	ng	91
28) bis(2-Chloroethoxy)met...	10.313	93	136246	49.496	ng	99
29) 2,4-Dichlorophenol	10.566	162	109004	51.637	ng	98
30) 1,2,4-Trichlorobenzene	10.783	180	113113	47.344	ng	97
31) Naphthalene	10.971	128	308904	49.467	ng	100
32) Benzoic acid	10.249	122	51941m	47.564	ng	
33) 4-Chloroaniline	11.071	127	80083	29.947	ng	96
34) Hexachlorobutadiene	11.253	225	85849	48.372	ng	94
35) Caprolactam	11.846	113	36440m	48.973	ng	
36) 4-Chloro-3-methylphenol	12.193	107	124395	50.616	ng	90
37) 2-Methylnaphthalene	12.569	142	228155	49.376	ng	98
38) 1-Methylnaphthalene	12.786	142	218588	48.464	ng	95
40) 1,2,4,5-Tetrachloroben...	12.939	216	146544	48.264	ng	99
41) Hexachlorocyclopentadiene	12.916	237	149004	95.064	ng	93
43) 2,4,6-Trichlorophenol	13.174	196	100875	48.186	ng	96

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44) 2,4,5-Trichlorophenol	13.250	196	109015	48.868	ng	98
46) 1,1'-Biphenyl	13.568	154	312571	48.551	ng	99
47) 2-Chloronaphthalene	13.615	162	245056	47.710	ng	98
48) 2-Nitroaniline	13.809	65	93614	48.026	ng	96
49) Acenaphthylene	14.455	152	413924	51.480	ng	98
50) Dimethylphthalate	14.179	163	341567	47.768	ng	99
51) 2,6-Dinitrotoluene	14.302	165	73343	49.167	ng	# 81
52) Acenaphthene	14.795	154	295221m	54.143	ng	
53) 3-Nitroaniline	14.631	138	53668	34.024	ng	99
54) 2,4-Dinitrophenol	14.842	184	81794	86.176	ng	# 83
55) Dibenzofuran	15.130	168	404012	47.320	ng	99
56) 4-Nitrophenol	14.948	139	116198	96.590	ng	# 77
57) 2,4-Dinitrotoluene	15.089	165	104313	49.117	ng	# 88
58) Fluorene	15.776	166	327174	47.445	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.359	232	104986	48.461	ng	99
60) Diethylphthalate	15.541	149	347944	46.443	ng	99
61) 4-Chlorophenyl-phenyle...	15.765	204	183908	47.047	ng	98
62) 4-Nitroaniline	15.800	138	74348	44.668	ng	# 82
63) Azobenzene	16.058	77	350663	46.424	ng	98
65) 4,6-Dinitro-2-methylph...	15.859	198	64757	42.945	ng	92
66) n-Nitrosodiphenylamine	15.982	169	293691	47.253	ng	99
67) 4-Bromophenyl-phenylether	16.658	248	130661	47.180	ng	95
68) Hexachlorobenzene	16.787	284	143825	47.955	ng	92
69) Atrazine	16.922	200	127801	52.641	ng	98
70) Pentachlorophenol	17.133	266	163928	100.011	ng	89
71) Phenanthrene	17.521	178	558054	47.271	ng	97
72) Anthracene	17.609	178	562447	48.090	ng	99
73) Carbazole	17.879	167	519121	45.661	ng	99
74) Di-n-butylphthalate	18.426	149	601437	46.645	ng	98
75) Fluoranthene	19.524	202	715300	47.269	ng	99
77) Benzidine	19.701	184	364442	62.064	ng	98
78) Pyrene	19.889	202	712800	48.630	ng	99
80) Butylbenzylphthalate	20.764	149	263872	48.287	ng	99
81) Benzo(a)anthracene	21.739	228	690006	49.035	ng	98
82) 3,3'-Dichlorobenzidine	21.651	252	150706	29.121	ng	99
83) Chrysene	21.809	228	628060	48.092	ng	99
84) Bis(2-ethylhexyl)phtha...	21.633	149	365370	49.464	ng	100
85) Di-n-octyl phthalate	22.867	149	617652	49.998	ng	98
87) Indeno(1,2,3-cd)pyrene	28.835	276	776076	48.435	ng	# 95
88) Benzo(b)fluoranthene	24.012	252	723153	53.144	ng	97
89) Benzo(k)fluoranthene	24.083	252	658360	49.228	ng	99
90) Benzo(a)pyrene	24.905	252	685231	59.111	ng	98
91) Dibenzo(a,h)anthracene	28.900	278	665879	50.492	ng	98
92) Benzo(g,h,i)perylene	30.022	276	668709	51.446	ng	98

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

