

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071522\
 Data File : BG054300.D
 Acq On : 15 Jul 2022 13:13
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/18/2022
 Supervised By : Jagrut Upadhyay 07/18/2022

Quant Time: Jul 15 14:22:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 14:17:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	20377	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	73341	20.000	ng	# 0.00
39) Acenaphthene-d10	14.634	164	57911	20.000	ng	0.00
64) Phenanthrene-d10	17.378	188	150625	20.000	ng	# 0.00
76) Chrysene-d12	21.644	240	176030	20.000	ng	# 0.00
86) Perylene-d12	24.840	264	191608	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	95301	93.963	ng	0.00
7) Phenol-d6	7.167	99	130450	93.253	ng	0.00
23) Nitrobenzene-d5	9.164	82	134453	99.485	ng	0.00
42) 2,4,6-Tribromophenol	16.121	330	118788	105.891	ng	0.00
45) 2-Fluorobiphenyl	13.254	172	403963	102.496	ng	0.00
79) Terphenyl-d14	19.987	244	862320	100.736	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.430	88	18184	40.996	ng	93
3) Pyridine	3.835	79	51791m	46.751	ng	
4) n-Nitrosodimethylamine	3.747	42	29078	51.956	ng	# 79
6) Aniline	7.325	93	75469	45.895	ng	95
8) 2-Chlorophenol	7.566	128	53472	47.038	ng	90
9) Benzaldehyde	7.132	77	31215	37.159	ng	# 65
10) Phenol	7.196	94	64678	45.826	ng	95
11) bis(2-Chloroethyl)ether	7.414	93	47229	45.376	ng	94
12) 1,3-Dichlorobenzene	7.889	146	65963	47.788	ng	95
13) 1,4-Dichlorobenzene	8.036	146	67459	47.692	ng	96
14) 1,2-Dichlorobenzene	8.354	146	63758	46.943	ng	97
15) Benzyl Alcohol	8.236	79	54766	48.564	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.524	45	59342	41.059	ng	93
17) 2-Methylphenol	8.448	107	46233	45.848	ng	95
18) Hexachloroethane	9.082	117	22685	47.137	ng	# 65
19) n-Nitroso-di-n-propyla...	8.806	70	42884	44.904	ng	# 89
20) 3+4-Methylphenols	8.777	107	65027	45.959	ng	97
22) Acetophenone	8.824	105	88190	49.757	ng	# 97
24) Nitrobenzene	9.206	77	66034	49.700	ng	# 87
25) Isophorone	9.728	82	116190	47.524	ng	# 92
26) 2-Nitrophenol	9.916	139	34164	52.193	ng	89
27) 2,4-Dimethylphenol	9.981	122	45015	49.164	ng	95
28) bis(2-Chloroethoxy)met...	10.210	93	59329	47.672	ng	# 97
29) 2,4-Dichlorophenol	10.463	162	68832	51.870	ng	89
30) 1,2,4-Trichlorobenzene	10.674	180	85356	52.132	ng	# 94
31) Naphthalene	10.857	128	182874	49.585	ng	98
32) Benzoic acid	10.157	122	17971m	48.235	ng	
33) 4-Chloroaniline	10.962	127	74003	48.251	ng	94
34) Hexachlorobutadiene	11.144	225	75515	55.585	ng	97
35) Caprolactam	11.738	113	17133	45.335	ng	# 81
36) 4-Chloro-3-methylphenol	12.096	107	62821	49.205	ng	88
37) 2-Methylnaphthalene	12.461	142	139590	49.389	ng	99
38) 1-Methylnaphthalene	12.684	142	136068	49.586	ng	100
40) 1,2,4,5-Tetrachloroben...	12.831	216	127019	54.034	ng	# 94
41) Hexachlorocyclopentadiene	12.813	237	37870	64.420	ng	94
43) 2,4,6-Trichlorophenol	13.072	196	70359	52.117	ng	96

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44) 2,4,5-Trichlorophenol	13.148	196	78871m	53.409	ng	
46) 1,1'-Biphenyl	13.465	154	194333	49.902	ng	96
47) 2-Chloronaphthalene	13.512	162	163494	50.220	ng	97
48) 2-Nitroaniline	13.712	65	44403	48.191	ng	90
49) Acenaphthylene	14.358	152	242395	49.079	ng	100
50) Dimethylphthalate	14.088	163	220730	48.545	ng	99
51) 2,6-Dinitrotoluene	14.206	165	48112	48.682	ng	# 79
52) Acenaphthene	14.699	154	144993	48.537	ng	97
53) 3-Nitroaniline	14.535	138	41457	47.324	ng	84
54) 2,4-Dinitrophenol	14.752	184	25177	54.335	ng	# 75
55) Dibenzofuran	15.028	168	256857	48.954	ng	96
56) 4-Nitrophenol	14.858	139	28375	50.418	ng	96
57) 2,4-Dinitrotoluene	14.999	165	70817	49.486	ng	# 81
58) Fluorene	15.680	166	211556	48.536	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.263	232	76798	51.923	ng	# 86
60) Diethylphthalate	15.445	149	211014	47.582	ng	95
61) 4-Chlorophenyl-phenyle...	15.669	204	140430	50.720	ng	# 88
62) 4-Nitroaniline	15.698	138	43109	47.115	ng	91
63) Azobenzene	15.962	77	154156	46.125	ng	83
65) 4,6-Dinitro-2-methylph...	15.768	198	47981	54.149	ng	77
66) n-Nitrosodiphenylamine	15.880	169	188050	49.497	ng	95
67) 4-Bromophenyl-phenylether	16.562	248	105451	52.489	ng	# 89
68) Hexachlorobenzene	16.691	284	120339	52.479	ng	# 88
69) Atrazine	16.826	200	80171	47.778	ng	92
70) Pentachlorophenol	17.032	266	48549	52.704	ng	99
71) Phenanthrene	17.419	178	372326	49.415	ng	97
72) Anthracene	17.508	178	367535	49.809	ng	98
73) Carbazole	17.778	167	302436	48.399	ng	98
74) Di-n-butylphthalate	18.330	149	359405	48.572	ng	98
75) Fluoranthene	19.429	202	500119	48.808	ng	95
77) Benzidine	19.599	184	136315	44.114	ng	98
78) Pyrene	19.793	202	497492	49.107	ng	97
80) Butylbenzylphthalate	20.669	149	158744	48.360	ng	# 85
81) Benzo(a)anthracene	21.620	228	545617	48.999	ng	98
82) 3,3'-Dichlorobenzidine	21.532	252	167585	49.241	ng	# 95
83) Chrysene	21.685	228	517075	49.097	ng	97
84) Bis(2-ethylhexyl)phtha...	21.521	149	220124	47.264	ng	# 93
85) Di-n-octyl phthalate	22.719	149	384259	47.925	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.512	276	711868	49.385	ng	# 99
88) Benzo(b)fluoranthene	23.824	252	563676	49.610	ng	# 99
89) Benzo(k)fluoranthene	23.894	252	552921	49.052	ng	# 97
90) Benzo(a)pyrene	24.687	252	478607	49.230	ng	# 98
91) Dibenzo(a,h)anthracene	28.571	278	587289	49.734	ng	# 95
92) Benzo(g,h,i)perylene	29.652	276	578579	49.123	ng	# 91

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

