

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072822\
 Data File : BG054426.D
 Acq On : 28 Jul 2022 10:46
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 07/29/2022
 Supervised By : Jagrut Upadhyay 07/29/2022

Quant Time: Jul 29 04:07:40 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jul 28 04:30:50 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.988	152	18332	20.000	ng	0.00
21) Naphthalene-d8	10.797	136	67849	20.000	ng	# 0.00
39) Acenaphthene-d10	14.628	164	54049	20.000	ng	0.00
64) Phenanthrene-d10	17.371	188	142817	20.000	ng	# 0.00
76) Chrysene-d12	21.637	240	152478	20.000	ng	# 0.00
86) Perylene-d12	24.845	264	165275	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.562	112	74822	85.217	ng	0.00
7) Phenol-d6	7.172	99	103399	85.944	ng	0.00
23) Nitrobenzene-d5	9.152	82	103238	82.861	ng	0.00
42) 2,4,6-Tribromophenol	16.120	330	89459	78.830	ng	0.00
45) 2-Fluorobiphenyl	13.247	172	304670	79.520	ng	0.00
79) Terphenyl-d14	19.980	244	657956	85.603	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	13810	39.535	ng	97
3) Pyridine	3.817	79	39122	44.150	ng	98
4) n-Nitrosodimethylamine	3.729	42	21942	44.284	ng	# 79
6) Aniline	7.307	93	59671	42.968	ng	95
8) 2-Chlorophenol	7.559	128	42899	42.515	ng	89
9) Benzaldehyde	7.119	77	27520	45.991	ng	# 74
10) Phenol	7.195	94	51212	42.843	ng	95
11) bis(2-Chloroethyl)ether	7.401	93	37073	42.537	ng	91
12) 1,3-Dichlorobenzene	7.877	146	51314	41.739	ng	93
13) 1,4-Dichlorobenzene	8.024	146	52510	41.360	ng	95
14) 1,2-Dichlorobenzene	8.341	146	50682	42.333	ng	96
15) Benzyl Alcohol	8.229	79	41911	42.355	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.511	45	47674	43.433	ng	95
17) 2-Methylphenol	8.447	107	36968	42.908	ng	95
18) Hexachloroethane	9.069	117	18158	43.194	ng	# 67
19) n-Nitroso-di-n-propyla...	8.793	70	33489	41.684	ng	96
20) 3+4-Methylphenols	8.776	107	50954	41.974	ng	98
22) Acetophenone	8.811	105	67673	41.470	ng	# 95
24) Nitrobenzene	9.193	77	50798	41.719	ng	# 87
25) Isophorone	9.722	82	90185	41.620	ng	# 92
26) 2-Nitrophenol	9.910	139	24833	40.461	ng	88
27) 2,4-Dimethylphenol	9.974	122	34911	41.176	ng	89
28) bis(2-Chloroethoxy)met...	10.197	93	45462	41.599	ng	# 97
29) 2,4-Dichlorophenol	10.462	162	51836	40.504	ng	92
30) 1,2,4-Trichlorobenzene	10.662	180	64594	40.754	ng	# 94
31) Naphthalene	10.850	128	140994	41.397	ng	97
32) Benzoic acid	10.150	122	12556m	39.018	ng	
33) 4-Chloroaniline	10.955	127	58652	42.347	ng	94
34) Hexachlorobutadiene	11.132	225	56621	40.422	ng	98
35) Caprolactam	11.743	113	13664	42.404	ng	# 72
36) 4-Chloro-3-methylphenol	12.101	107	48994	42.082	ng	# 85
37) 2-Methylnaphthalene	12.454	142	107430	41.074	ng	99
38) 1-Methylnaphthalene	12.671	142	102693	40.294	ng	100
40) 1,2,4,5-Tetrachloroben...	12.824	216	94318	39.831	ng	# 95
41) Hexachlorocyclopentadiene	12.800	237	22481	34.625	ng	95
43) 2,4,6-Trichlorophenol	13.071	196	52686	40.863	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.159	196	57262	39.306	ng	# 92
46) 1,1'-Biphenyl	13.458	154	150068	40.585	ng	96
47) 2-Chloronaphthalene	13.505	162	125444	40.538	ng	95
48) 2-Nitroaniline	13.711	65	35488	43.943	ng	93
49) Acenaphthylene	14.351	152	187994	40.885	ng	99
50) Dimethylphthalate	14.081	163	172792	40.929	ng	100
51) 2,6-Dinitrotoluene	14.199	165	38040	41.080	ng	# 77
52) Acenaphthene	14.692	154	112793	40.509	ng	98
53) 3-Nitroaniline	14.534	138	32403	41.840	ng	92
54) 2,4-Dinitrophenol	14.757	184	16690	35.090	ng	# 75
55) Dibenzofuran	15.021	168	197523	39.869	ng	96
56) 4-Nitrophenol	14.880	139	18627	36.050	ng	94
57) 2,4-Dinitrotoluene	14.998	165	55524	41.826	ng	# 84
58) Fluorene	15.673	166	165438	40.615	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.262	232	51436	36.265	ng	# 88
60) Diethylphthalate	15.438	149	166743	41.171	ng	95
61) 4-Chlorophenyl-phenyle...	15.662	204	107779	40.309	ng	# 88
62) 4-Nitroaniline	15.697	138	35008	43.026	ng	87
63) Azobenzene	15.955	77	121800	41.622	ng	86
65) 4,6-Dinitro-2-methylph...	15.767	198	34868	39.518	ng	79
66) n-Nitrosodiphenylamine	15.879	169	149046	41.800	ng	96
67) 4-Bromophenyl-phenylether	16.555	248	81528	40.646	ng	# 91
68) Hexachlorobenzene	16.684	284	93043	40.563	ng	# 91
69) Atrazine	16.825	200	64645	40.741	ng	93
70) Pentachlorophenol	17.036	266	33790m	36.139	ng	
71) Phenanthrene	17.412	178	289876	40.758	ng	98
72) Anthracene	17.506	178	284746	40.799	ng	100
73) Carbazole	17.777	167	240850	41.916	ng	99
74) Di-n-butylphthalate	18.323	149	288568	42.557	ng	# 98
75) Fluoranthene	19.428	202	379174	39.110	ng	96
77) Benzidine	19.598	184	120608	43.675	ng	97
78) Pyrene	19.786	202	381426	43.596	ng	99
80) Butylbenzylphthalate	20.662	149	117691	43.166	ng	# 87
81) Benzo(a)anthracene	21.619	228	398738	41.195	ng	98
82) 3,3'-Dichlorobenzidine	21.531	252	127284	42.284	ng	# 98
83) Chrysene	21.684	228	374027	40.901	ng	97
84) Bis(2-ethylhexyl)phtha...	21.514	149	160147	41.510	ng	# 91
85) Di-n-octyl phthalate	22.712	149	279184	42.418	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.529	276	514439	40.915	ng	# 95
88) Benzo(b)fluoranthene	23.828	252	394060	40.316	ng	# 99
89) Benzo(k)fluoranthene	23.893	252	399164	41.035	ng	# 98
90) Benzo(a)pyrene	24.698	252	339321	40.651	ng	# 97
91) Dibenzo(a,h)anthracene	28.576	278	423231	40.936	ng	# 96
92) Benzo(g,h,i)perylene	29.675	276	417041	40.870	ng	# 94

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

