

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
 Data File : BG054850.D
 Acq On : 6 Sep 2022 13:34
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Christian

Giraldo

09/07/2022

Supervised By :Jagrit

Upadhyay

09/07/2022

Quant Time: Sep 07 04:53:16 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 25 17:50:55 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.147	152	51644	20.000	ng	0.00
21) Naphthalene-d8	10.974	136	203766	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	135910	20.000	ng	0.00
64) Phenanthrene-d10	17.531	188	309790	20.000	ng	0.00
76) Chrysene-d12	21.826	240	281491	20.000	ng	0.00
86) Perylene-d12	25.198	264	311280	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.686	112	236064	79.597	ng	0.00
7) Phenol-d6	7.301	99	317239	78.217	ng	0.00
23) Nitrobenzene-d5	9.322	82	302349	77.894	ng	0.00
42) 2,4,6-Tribromophenol	16.273	330	141620	83.390	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	714603	79.027	ng	0.00
79) Terphenyl-d14	20.127	244	1128873	79.460	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.529	88	52907	37.359	ng	94
3) Pyridine	3.941	79	149979	37.969	ng	95
4) n-Nitrosodimethylamine	3.858	42	61911	36.258	ng	95
6) Aniline	7.472	93	190714	39.576	ng	97
8) 2-Chlorophenol	7.713	128	131220	40.497	ng	96
9) Benzaldehyde	7.284	77	96571	36.328	ng	96
10) Phenol	7.331	94	163609	39.225	ng	96
11) bis(2-Chloroethyl)ether	7.560	93	130439	38.884	ng	97
12) 1,3-Dichlorobenzene	8.036	146	150969	40.261	ng	99
13) 1,4-Dichlorobenzene	8.183	146	152323	40.273	ng	98
14) 1,2-Dichlorobenzene	8.506	146	142714	39.793	ng	99
15) Benzyl Alcohol	8.388	79	115906	39.557	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.676	45	183263	34.913	ng	98
17) 2-Methylphenol	8.588	107	114429	39.846	ng	97
18) Hexachloroethane	9.240	117	54220	39.533	ng	96
19) n-Nitroso-di-n-propyla...	8.952	70	107043	38.379	ng	# 95
20) 3+4-Methylphenols	8.917	107	159851	40.141	ng	95
22) Acetophenone	8.976	105	201819	39.589	ng	97
24) Nitrobenzene	9.370	77	151248	38.659	ng	96
25) Isophorone	9.887	82	282534	39.038	ng	98
26) 2-Nitrophenol	10.080	139	75462	43.666	ng	98
27) 2,4-Dimethylphenol	10.133	122	109184	39.875	ng	98
28) bis(2-Chloroethoxy)met...	10.362	93	158982	38.550	ng	99
29) 2,4-Dichlorophenol	10.621	162	129390	41.546	ng	98
30) 1,2,4-Trichlorobenzene	10.833	180	145612	40.913	ng	100
31) Naphthalene	11.026	128	433620	39.663	ng	100
32) Benzoic acid	10.315	122	25385m	18.678	ng	
33) 4-Chloroaniline	11.132	127	176735	39.653	ng	98
34) Hexachlorobutadiene	11.297	225	97019	42.546	ng	96
35) Caprolactam	11.914	113	45452	41.366	ng	# 87
36) 4-Chloro-3-methylphenol	12.243	107	134432	39.472	ng	98
37) 2-Methylnaphthalene	12.619	142	306413	39.989	ng	99
38) 1-Methylnaphthalene	12.842	142	298669	40.063	ng	100
40) 1,2,4,5-Tetrachloroben...	12.983	216	167677	40.928	ng	99
41) Hexachlorocyclopentadiene	12.954	237	88912	40.922	ng	98
43) 2,4,6-Trichlorophenol	13.224	196	107672	39.595	ng	99

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44) 2,4,5-Trichlorophenol	13.300	196	119321	39.071	ng	98
46) 1,1'-Biphenyl	13.617	154	395140	39.151	ng	99
47) 2-Chloronaphthalene	13.664	162	301650	39.354	ng	99
48) 2-Nitroaniline	13.870	65	94158	39.197	ng	94
49) Acenaphthylene	14.511	152	499195	39.466	ng	100
50) Dimethylphthalate	14.229	163	411020	39.255	ng	99
51) 2,6-Dinitrotoluene	14.358	165	88503	41.325	ng	86
52) Acenaphthene	14.845	154	321431m	39.561	ng	
53) 3-Nitroaniline	14.687	138	95266	39.736	ng	95
54) 2,4-Dinitrophenol	14.898	184	40924	37.723	ng	98
55) Dibenzofuran	15.180	168	470525	39.411	ng	100
56) 4-Nitrophenol	14.992	139	73492	39.612	ng	93
57) 2,4-Dinitrotoluene	15.145	165	125611	42.403	ng	# 82
58) Fluorene	15.827	166	398292	39.601	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.404	232	105895	38.466	ng	96
60) Diethylphthalate	15.580	149	408966	39.115	ng	98
61) 4-Chlorophenyl-phenyle...	15.815	204	200871	40.485	ng	99
62) 4-Nitroaniline	15.850	138	100513	41.063	ng	98
63) Azobenzene	16.109	77	363545	36.586	ng	95
65) 4,6-Dinitro-2-methylph...	15.903	198	65910	41.797	ng	99
66) n-Nitrosodiphenylamine	16.026	169	351479	39.343	ng	99
67) 4-Bromophenyl-phenylether	16.708	248	143786	42.275	ng	98
68) Hexachlorobenzene	16.831	284	158939	41.568	ng	96
69) Atrazine	16.972	200	123439	39.165	ng	98
70) Pentachlorophenol	17.178	266	80099	38.556	ng	99
71) Phenanthrene	17.572	178	642023	38.904	ng	100
72) Anthracene	17.666	178	628746	39.188	ng	99
73) Carbazole	17.930	167	571119	38.635	ng	100
74) Di-n-butylphthalate	18.471	149	711906	38.058	ng	99
75) Fluoranthene	19.575	202	759312	37.823	ng	99
77) Benzidine	19.751	184	287305	41.207	ng	100
78) Pyrene	19.939	202	772025	39.333	ng	99
80) Butylbenzylphthalate	20.809	149	309012	37.743	ng	94
81) Benzo(a)anthracene	21.802	228	749207	39.255	ng	99
82) 3,3'-Dichlorobenzidine	21.714	252	275209	41.127	ng	97
83) Chrysene	21.872	228	719215	39.412	ng	100
84) Bis(2-ethylhexyl)phtha...	21.679	149	447638	37.949	ng	98
85) Di-n-octyl phthalate	22.942	149	779243	38.954	ng	95
87) Indeno(1,2,3-cd)pyrene	29.082	276	944162	39.954	ng	# 94
88) Benzo(b)fluoranthene	24.123	252	749894	38.403	ng	98
89) Benzo(k)fluoranthene	24.193	252	771251	39.246	ng	98
90) Benzo(a)pyrene	25.039	252	650909	39.016	ng	98
91) Dibenzo(a,h)anthracene	29.158	278	777749	40.398	ng	99
92) Benzo(g,h,i)perylene	30.316	276	764864	39.326	ng	98

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

