

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122122\
 Data File : BG056042.D
 Acq On : 21 Dec 2022 10:16
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022
 Supervised By :mohammad ahmed 12/22/2022

Quant Time: Dec 22 01:21:36 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Dec 21 01:11:10 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.360	152	8868	20.000	ng	0.00
21) Naphthalene-d8	11.198	136	35035	20.000	ng	# 0.00
39) Acenaphthene-d10	14.970	164	31983	20.000	ng	0.00
64) Phenanthrene-d10	17.708	188	94668	20.000	ng	# 0.00
76) Chrysene-d12	22.015	240	88951	20.000	ng	# 0.00
86) Perylene-d12	25.505	264	108615	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.875	112	31519	83.353	ng	0.00
7) Phenol-d6	7.491	99	41648	85.636	ng	0.00
23) Nitrobenzene-d5	9.536	82	46718	93.185	ng	0.00
42) 2,4,6-Tribromophenol	16.451	330	66757	86.562	ng	0.00
45) 2-Fluorobiphenyl	13.601	172	187913	82.402	ng	0.00
79) Terphenyl-d14	20.282	244	438436	87.114	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.707	88	5108	46.418	ng	# 87
3) Pyridine	4.124	79	15951	44.045	ng	95
4) n-Nitrosodimethylamine	4.030	42	12399	38.086	ng	87
6) Aniline	7.673	93	24831	42.644	ng	91
8) 2-Chlorophenol	7.920	128	19874	40.738	ng	95
9) Benzaldehyde	7.485	77	12002	39.295	ng	94
10) Phenol	7.520	94	22186	41.682	ng	96
11) bis(2-Chloroethyl)ether	7.767	93	14793	42.667	ng	96
12) 1,3-Dichlorobenzene	8.255	146	25373	40.206	ng	94
13) 1,4-Dichlorobenzene	8.402	146	25515	39.562	ng	98
14) 1,2-Dichlorobenzene	8.725	146	24586	39.889	ng	99
15) Benzyl Alcohol	8.595	79	20111	39.797	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.883	45	21812	48.338	ng	96
17) 2-Methylphenol	8.789	107	17469	41.713	ng	95
18) Hexachloroethane	9.465	117	8179	41.778	ng	93
19) n-Nitroso-di-n-propyla...	9.165	70	15133	43.411	ng	90
20) 3+4-Methylphenols	9.118	107	25195	42.158	ng	98
22) Acetophenone	9.189	105	33534	38.611	ng	96
24) Nitrobenzene	9.583	77	23516	46.600	ng	97
25) Isophorone	10.100	82	42502	40.429	ng	99
26) 2-Nitrophenol	10.299	139	13791	46.165	ng	94
27) 2,4-Dimethylphenol	10.335	122	18931m	37.733	ng	
28) bis(2-Chloroethoxy)met...	10.576	93	20218	43.515	ng	96
29) 2,4-Dichlorophenol	10.828	162	28754	40.380	ng	96
30) 1,2,4-Trichlorobenzene	11.051	180	35555	38.410	ng	98
31) Naphthalene	11.251	128	72406	39.168	ng	99
32) Benzoic acid	10.458	122	18689	43.979	ng	89
33) 4-Chloroaniline	11.345	127	32025	40.411	ng	96
34) Hexachlorobutadiene	11.527	225	31871	36.623	ng	95
35) Caprolactam	12.109	113	8020	40.423	ng	# 86
36) 4-Chloro-3-methylphenol	12.432	107	27166	40.685	ng	95
37) 2-Methylnaphthalene	12.826	142	63417	38.829	ng	97
38) 1-Methylnaphthalene	13.043	142	62847	39.500	ng	99
40) 1,2,4,5-Tetrachloroben...	13.184	216	54867	40.660	ng	99
41) Hexachlorocyclopentadiene	13.161	237	32005	41.807	ng	96
43) 2,4,6-Trichlorophenol	13.413	196	35865	44.899	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.484	196	39691	44.079	ng	99
46) 1,1'-Biphenyl	13.813	154	91249	42.091	ng	99
47) 2-Chloronaphthalene	13.860	162	73273	41.597	ng	94
48) 2-Nitroaniline	14.048	65	18540	53.075	ng	93
49) Acenaphthylene	14.700	152	118396	42.109	ng	99
50) Dimethylphthalate	14.412	163	113359	40.996	ng	100
51) 2,6-Dinitrotoluene	14.536	165	22776	53.228	ng	92
52) Acenaphthene	15.035	154	80248	42.514	ng	95
53) 3-Nitroaniline	14.865	138	21377	49.115	ng	88
54) 2,4-Dinitrophenol	15.064	184	15543	48.861	ng	# 79
55) Dibenzofuran	15.364	168	132418	41.717	ng	99
56) 4-Nitrophenol	15.147	139	17111	49.060	ng	96
57) 2,4-Dinitrotoluene	15.317	165	32592	50.460	ng	# 90
58) Fluorene	16.010	166	106742	41.138	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.581	232	45922	44.641	ng	99
60) Diethylphthalate	15.758	149	109927	40.674	ng	99
61) 4-Chlorophenyl-phenyle...	15.993	204	72235	40.866	ng	98
62) 4-Nitroaniline	16.022	138	23105	48.746	ng	96
63) Azobenzene	16.286	77	69069	41.988	ng	98
65) 4,6-Dinitro-2-methylph...	16.075	198	22430	49.598	ng	90
66) n-Nitrosodiphenylamine	16.204	169	98973	39.895	ng	99
67) 4-Bromophenyl-phenylether	16.886	248	54138	39.027	ng	97
68) Hexachlorobenzene	17.015	284	66280	38.791	ng	98
69) Atrazine	17.138	200	43933	39.111	ng	96
70) Pentachlorophenol	17.350	266	40995	41.968	ng	93
71) Phenanthrene	17.749	178	196881	39.685	ng	100
72) Anthracene	17.843	178	192781	39.278	ng	100
73) Carbazole	18.102	167	157394	38.882	ng	99
74) Di-n-butylphthalate	18.637	149	176653	37.525	ng	99
75) Fluoranthene	19.741	202	244798	35.238	ng	99
77) Benzidine	19.900	184	67576	43.259	ng	98
78) Pyrene	20.100	202	242603	45.073	ng	99
80) Butylbenzylphthalate	20.963	149	68935	45.197	ng	99
81) Benzo(a)anthracene	21.992	228	263690	42.128	ng	100
82) 3,3'-Dichlorobenzidine	21.892	252	96554	42.874	ng	97
83) Chrysene	22.068	228	252524	43.046	ng	99
84) Bis(2-ethylhexyl)phtha...	21.862	149	96277	42.488	ng	97
85) Di-n-octyl phthalate	23.173	149	164383	42.766	ng	100
87) Indeno(1,2,3-cd)pyrene	29.524	276	340243	38.956	ng	# 100
88) Benzo(b)fluoranthene	24.389	252	272547	38.772	ng	97
89) Benzo(k)fluoranthene	24.465	252	277995	39.638	ng	100
90) Benzo(a)pyrene	25.341	252	231149	38.902	ng	99
91) Dibenzo(a,h)anthracene	29.606	278	287125	39.276	ng	98
92) Benzo(g,h,i)perylene	30.799	276	276865	39.171	ng	99

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

