

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
 Data File : BG055926.D
 Acq On : 8 Dec 2022 13:44
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/09/2022

Supervised By :mohammad ahmed 12/14/2022

Quant Time: Dec 09 08:09:03 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 09 07:57:14 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	26191	20.000	ng	0.00
21) Naphthalene-d8	10.972	136	111639	20.000	ng	0.00
39) Acenaphthene-d10	14.780	164	82742	20.000	ng	0.00
64) Phenanthrene-d10	17.524	188	199287	20.000	ng	0.00
76) Chrysene-d12	21.801	240	171693	20.000	ng	0.00
86) Perylene-d12	25.132	264	193277	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	113237	78.148	ng	0.00
7) Phenol-d6	7.300	99	160232	83.071	ng	0.00
23) Nitrobenzene-d5	9.321	82	180258	85.342	ng	0.00
42) 2,4,6-Tribromophenol	16.266	330	89928	77.184	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	457126	82.767	ng	0.00
79) Terphenyl-d14	20.109	244	741249	86.351	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.469	88	22535	36.392	ng	98
3) Pyridine	3.893	79	74272	39.097	ng	92
4) n-Nitrosodimethylamine	3.804	42	43074	42.828	ng	99
6) Aniline	7.459	93	101503	41.896	ng	98
8) 2-Chlorophenol	7.706	128	67384	40.679	ng	96
9) Benzaldehyde	7.271	77	51097m	39.007	ng	
10) Phenol	7.330	94	90701	41.997	ng	98
11) bis(2-Chloroethyl)ether	7.553	93	67283	40.652	ng	99
12) 1,3-Dichlorobenzene	8.029	146	76806	39.438	ng	95
13) 1,4-Dichlorobenzene	8.182	146	78192	39.732	ng	99
14) 1,2-Dichlorobenzene	8.499	146	75152	39.850	ng	98
15) Benzyl Alcohol	8.381	79	70124	44.733	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.663	45	130113	43.426	ng	98
17) 2-Methylphenol	8.593	107	66263	43.215	ng	98
18) Hexachloroethane	9.233	117	27302	40.307	ng	99
19) n-Nitroso-di-n-propyla...	8.951	70	64880	43.778	ng	93
20) 3+4-Methylphenols	8.922	107	92578	43.222	ng	99
22) Acetophenone	8.975	105	119915	41.337	ng	# 96
24) Nitrobenzene	9.363	77	92496	41.925	ng	100
25) Isophorone	9.886	82	174562	43.618	ng	99
26) 2-Nitrophenol	10.079	139	44877	44.063	ng	90
27) 2,4-Dimethylphenol	10.132	122	65774m	42.433	ng	
28) bis(2-Chloroethoxy)met...	10.361	93	90456	42.102	ng	98
29) 2,4-Dichlorophenol	10.626	162	77960	42.020	ng	98
30) 1,2,4-Trichlorobenzene	10.831	180	87415	40.555	ng	99
31) Naphthalene	11.025	128	248192	41.125	ng	100
32) Benzoic acid	10.314	122	21734m	17.042	ng	
33) 4-Chloroaniline	11.131	127	104851	42.117	ng	99
34) Hexachlorobutadiene	11.296	225	59929	40.718	ng	98
35) Caprolactam	11.913	113	27305	42.529	ng	97
36) 4-Chloro-3-methylphenol	12.253	107	88810	43.552	ng	98
37) 2-Methylnaphthalene	12.618	142	191081	42.287	ng	99
38) 1-Methylnaphthalene	12.835	142	185158	42.209	ng	99
40) 1,2,4,5-Tetrachloroben...	12.982	216	108951	41.901	ng	99
41) Hexachlorocyclopentadiene	12.953	237	51194	39.064	ng	95
43) 2,4,6-Trichlorophenol	13.223	196	66719	37.616	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.311	196	74810	38.380	ng	97
46) 1,1'-Biphenyl	13.616	154	249708	41.414	ng	99
47) 2-Chloronaphthalene	13.663	162	192871	41.154	ng	98
48) 2-Nitroaniline	13.869	65	70076	45.479	ng	99
49) Acenaphthylene	14.509	152	324911	42.101	ng	99
50) Dimethylphthalate	14.227	163	277474	42.068	ng	99
51) 2,6-Dinitrotoluene	14.357	165	58916	43.685	ng	97
52) Acenaphthene	14.844	154	209625m	41.561	ng	
53) 3-Nitroaniline	14.686	138	62798	42.417	ng	99
54) 2,4-Dinitrophenol	14.909	184	29736	38.348	ng	97
55) Dibenzofuran	15.179	168	323303	41.550	ng	99
56) 4-Nitrophenol	15.009	139	41715	35.900	ng	88
57) 2,4-Dinitrotoluene	15.144	165	83632	43.983	ng	98
58) Fluorene	15.826	166	260905	41.982	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.408	232	64790	34.305	ng	99
60) Diethylphthalate	15.573	149	277193	41.567	ng	99
61) 4-Chlorophenyl-phenyle...	15.808	204	141048	41.288	ng	99
62) 4-Nitroaniline	15.849	138	65347	42.225	ng	94
63) Azobenzene	16.102	77	244944	42.073	ng	98
65) 4,6-Dinitro-2-methylph...	15.914	198	46602	41.878	ng	94
66) n-Nitrosodiphenylamine	16.025	169	227952	41.505	ng	99
67) 4-Bromophenyl-phenylether	16.701	248	93811	41.315	ng	98
68) Hexachlorobenzene	16.830	284	102982	40.902	ng	98
69) Atrazine	16.960	200	85440	39.335	ng	99
70) Pentachlorophenol	17.183	266	53987m	35.052	ng	
71) Phenanthrene	17.565	178	435305	40.477	ng	100
72) Anthracene	17.659	178	424878	40.662	ng	99
73) Carbazole	17.923	167	370847	39.478	ng	100
74) Di-n-butylphthalate	18.458	149	464646	39.835	ng	99
75) Fluoranthene	19.568	202	505957	38.671	ng	98
77) Benzidine	19.739	184	191194	48.135	ng	98
78) Pyrene	19.927	202	508123	43.722	ng	100
80) Butylbenzylphthalate	20.785	149	199257	43.797	ng	99
81) Benzo(a)anthracene	21.783	228	502665	42.507	ng	99
82) 3,3'-Dichlorobenzidine	21.689	252	175502	42.236	ng	98
83) Chrysene	21.848	228	479916	42.630	ng	99
84) Bis(2-ethylhexyl)phtha...	21.648	149	283792	43.404	ng	99
85) Di-n-octyl phthalate	22.882	149	480272	42.922	ng	98
87) Indeno(1,2,3-cd)pyrene	28.981	276	580862	36.685	ng	# 94
88) Benzo(b)fluoranthene	24.069	252	492040	39.090	ng	100
89) Benzo(k)fluoranthene	24.139	252	492597	39.260	ng	100
90) Benzo(a)pyrene	24.980	252	415483	38.465	ng	99
91) Dibenzo(a,h)anthracene	29.028	278	482841	37.317	ng	99
92) Benzo(g,h,i)perylene	30.185	276	472856	36.259	ng	99

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

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