

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030822\
 Data File : BG052602.D
 Acq On : 8 Mar 2022 12:41
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/09/2022
 Supervised By :Jagrut Upadhyay 03/09/2022

Quant Time: Mar 09 04:17:45 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030722.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Mar 08 01:09:10 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.213	152	31910	20.000	ng	0.00
21) Naphthalene-d8	11.050	136	126577	20.000	ng	# 0.00
39) Acenaphthene-d10	14.863	164	88661	20.000	ng	0.00
64) Phenanthrene-d10	17.612	188	209503	20.000	ng	0.00
76) Chrysene-d12	21.936	240	205290	20.000	ng	0.00
86) Perylene-d12	25.396	264	214201	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.746	112	151705	80.996	ng	0.00
7) Phenol-d6	7.361	99	223710	85.003	ng	0.00
23) Nitrobenzene-d5	9.388	82	229536	82.672	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	103928	81.562	ng	0.00
45) 2-Fluorobiphenyl	13.482	172	518829	80.691	ng	0.00
79) Terphenyl-d14	20.209	244	943862	82.334	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.578	88	33811	39.839	ng	# 90
3) Pyridine	3.989	79	95833	41.790	ng	# 94
4) n-Nitrosodimethylamine	3.895	42	46113	42.169	ng	# 77
6) Aniline	7.526	93	128220	42.017	ng	97
8) 2-Chlorophenol	7.778	128	79445	40.400	ng	93
9) Benzaldehyde	7.338	77	58275m	36.915	ng	
10) Phenol	7.391	94	108471	41.360	ng	97
11) bis(2-Chloroethyl)ether	7.620	93	81184	40.117	ng	97
12) 1,3-Dichlorobenzene	8.101	146	92651	40.005	ng	95
13) 1,4-Dichlorobenzene	8.254	146	95124	40.765	ng	96
14) 1,2-Dichlorobenzene	8.577	146	91032	40.048	ng	95
15) Benzyl Alcohol	8.448	79	87590	42.697	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.742	45	111938	41.042	ng	98
17) 2-Methylphenol	8.660	107	70875	40.725	ng	91
18) Hexachloroethane	9.318	117	32649	39.747	ng	96
19) n-Nitroso-di-n-propyla...	9.018	70	75200	41.967	ng	93
20) 3+4-Methylphenols	8.989	107	99119	41.668	ng	95
22) Acetophenone	9.041	105	131910	40.414	ng	# 95
24) Nitrobenzene	9.435	77	107091	40.776	ng	92
25) Isophorone	9.958	82	189824	40.535	ng	98
26) 2-Nitrophenol	10.152	139	48550	41.340	ng	90
27) 2,4-Dimethylphenol	10.205	122	71333	42.084	ng	89
28) bis(2-Chloroethoxy)met...	10.434	93	110619	39.350	ng	99
29) 2,4-Dichlorophenol	10.698	162	83128	41.512	ng	99
30) 1,2,4-Trichlorobenzene	10.915	180	99816	40.708	ng	100
31) Naphthalene	11.103	128	268155	40.382	ng	# 94
32) Benzoic acid	10.363	122	27439m	39.291	ng	
33) 4-Chloroaniline	11.209	127	109876	40.888	ng	97
34) Hexachlorobutadiene	11.391	225	66803	39.850	ng	96
35) Caprolactam	11.973	113	28470	39.991	ng	95
36) 4-Chloro-3-methylphenol	12.325	107	91032	40.814	ng	96
37) 2-Methylnaphthalene	12.701	142	193206	39.902	ng	99
38) 1-Methylnaphthalene	12.919	142	187621	39.768	ng	# 99
40) 1,2,4,5-Tetrachloroben...	13.065	216	119047	40.474	ng	98
41) Hexachlorocyclopentadiene	13.048	237	49406	40.543	ng	93
43) 2,4,6-Trichlorophenol	13.300	196	78119	42.604	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.383	196	82583	41.706	ng	90
46) 1,1'-Biphenyl	13.694	154	266543	40.790	ng	100
47) 2-Chloronaphthalene	13.747	162	204878	40.470	ng	98
48) 2-Nitroaniline	13.941	65	69181	41.588	ng	93
49) Acenaphthylene	14.587	152	329206	40.450	ng	99
50) Dimethylphthalate	14.305	163	270955	39.681	ng	99
51) 2,6-Dinitrotoluene	14.428	165	59633	40.235	ng	# 84
52) Acenaphthene	14.928	154	213651m	40.416	ng	
53) 3-Nitroaniline	14.763	138	60561	38.700	ng	99
54) 2,4-Dinitrophenol	14.975	184	32139	39.182	ng	99
55) Dibenzofuran	15.262	168	329401	39.421	ng	100
56) 4-Nitrophenol	15.069	139	43470	40.851	ng	# 83
57) 2,4-Dinitrotoluene	15.215	165	84645	40.378	ng	85
58) Fluorene	15.909	166	272540	40.310	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.492	232	75636	39.951	ng	98
60) Diethylphthalate	15.662	149	271812	39.012	ng	97
61) 4-Chlorophenyl-phenyle...	15.891	204	153777	40.538	ng	99
62) 4-Nitroaniline	15.926	138	64922	39.801	ng	# 86
63) Azobenzene	16.185	77	269826	39.671	ng	93
65) 4,6-Dinitro-2-methylph...	15.985	198	55339	43.236	ng	92
66) n-Nitrosodiphenylamine	16.108	169	238470	40.984	ng	98
67) 4-Bromophenyl-phenylether	16.790	248	103073	40.709	ng	97
68) Hexachlorobenzene	16.925	284	110911	40.518	ng	# 90
69) Atrazine	17.048	200	92488	41.710	ng	94
70) Pentachlorophenol	17.271	266	54937	40.570	ng	97
71) Phenanthrene	17.653	178	444220	40.795	ng	98
72) Anthracene	17.747	178	432513	40.247	ng	99
73) Carbazole	18.017	167	425343	40.260	ng	98
74) Di-n-butylphthalate	18.552	149	472185	40.108	ng	98
75) Fluoranthene	19.662	202	560914	39.958	ng	99
77) Benzidine	19.833	184	189309	43.127	ng	99
78) Pyrene	20.027	202	564444	41.743	ng	98
80) Butylbenzylphthalate	20.890	149	204716	40.791	ng	96
81) Benzo(a)anthracene	21.912	228	549376	40.228	ng	99
82) 3,3'-Dichlorobenzidine	21.812	252	197600	40.833	ng	98
83) Chrysene	21.983	228	521047	40.196	ng	99
84) Bis(2-ethylhexyl)phtha...	21.783	149	282954	40.433	ng	99
85) Di-n-octyl phthalate	23.075	149	475844	40.769	ng	# 94
87) Indeno(1,2,3-cd)pyrene	29.390	276	633681	40.525	ng	# 98
88) Benzo(b)fluoranthene	24.291	252	549722	40.941	ng	98
89) Benzo(k)fluoranthene	24.362	252	525493	39.396	ng	98
90) Benzo(a)pyrene	25.231	252	458551	40.597	ng	100
91) Dibenzo(a,h)anthracene	29.455	278	526867	40.897	ng	98
92) Benzo(g,h,i)perylene	30.647	276	510207	40.179	ng	97

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

