

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051523\
 Data File : BG057432.D
 Acq On : 15 May 2023 11:58
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/16/2023

Supervised By :Yogesh Patel 05/16/2023

Quant Time: May 15 12:33:41 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri May 12 22:04:03 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.360	152	17670	20.000	ng	0.00
21) Naphthalene-d8	11.204	136	71660	20.000	ng	# 0.00
39) Acenaphthene-d10	14.981	164	54917	20.000	ng	0.00
64) Phenanthrene-d10	17.718	188	135754	20.000	ng	0.00
76) Chrysene-d12	22.030	240	122330	20.000	ng	0.00
86) Perylene-d12	25.537	264	132931	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.875	112	84038	81.356	ng	0.00
7) Phenol-d6	7.503	99	129974	82.860	ng	0.00
23) Nitrobenzene-d5	9.541	82	130333	76.335	ng	0.00
42) 2,4,6-Tribromophenol	16.467	330	66946	85.915	ng	0.00
45) 2-Fluorobiphenyl	13.606	172	332362	81.509	ng	0.00
79) Terphenyl-d14	20.291	244	589877	78.691	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.678	88	16663	39.014	ng	96
3) Pyridine	4.101	79	52182	38.017	ng	94
4) n-Nitrosodimethylamine	4.007	42	22519	34.912	ng	# 94
6) Aniline	7.673	93	77794	39.094	ng	97
8) 2-Chlorophenol	7.920	128	44349	40.631	ng	97
9) Benzaldehyde	7.491	77	31041	36.747	ng	96
10) Phenol	7.532	94	61549	40.252	ng	97
11) bis(2-Chloroethyl)ether	7.761	93	44560	38.646	ng	99
12) 1,3-Dichlorobenzene	8.249	146	48541	40.294	ng	96
13) 1,4-Dichlorobenzene	8.401	146	49523	40.926	ng	93
14) 1,2-Dichlorobenzene	8.725	146	46763	40.031	ng	97
15) Benzyl Alcohol	8.601	79	49983	38.250	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.883	45	53778	37.004	ng	99
17) 2-Methylphenol	8.801	107	44148	40.052	ng	97
18) Hexachloroethane	9.459	117	17531	40.146	ng	98
19) n-Nitroso-di-n-propyla...	9.165	70	44371	37.097	ng	98
20) 3+4-Methylphenols	9.130	107	62306	41.281	ng	96
22) Acetophenone	9.194	105	78767	38.404	ng	# 96
24) Nitrobenzene	9.588	77	63934	37.100	ng	92
25) Isophorone	10.105	82	122307	36.942	ng	99
26) 2-Nitrophenol	10.305	139	28132	42.648	ng	97
27) 2,4-Dimethylphenol	10.346	122	47344	40.989	ng	97
28) bis(2-Chloroethoxy)met...	10.575	93	62316	37.571	ng	99
29) 2,4-Dichlorophenol	10.845	162	51904	42.369	ng	98
30) 1,2,4-Trichlorobenzene	11.057	180	55772	39.471	ng	99
31) Naphthalene	11.256	128	151116	39.445	ng	99
32) Benzoic acid	10.487	122	24452	37.821	ng	96
33) 4-Chloroaniline	11.356	127	69456	40.371	ng	96
34) Hexachlorobutadiene	11.521	225	41638	39.713	ng	98
35) Caprolactam	12.126	113	16675	39.848	ng	93
36) 4-Chloro-3-methylphenol	12.455	107	57520	41.317	ng	97
37) 2-Methylnaphthalene	12.831	142	121098	40.204	ng	94
38) 1-Methylnaphthalene	13.048	142	112485	39.620	ng	99
40) 1,2,4,5-Tetrachloroben...	13.189	216	80934	41.513	ng	98
41) Hexachlorocyclopentadiene	13.166	237	34290	40.007	ng	98
43) 2,4,6-Trichlorophenol	13.424	196	50509	42.524	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.506	196	58008	41.519	ng	96
46) 1,1'-Biphenyl	13.818	154	164416	40.347	ng	96
47) 2-Chloronaphthalene	13.871	162	123264	40.677	ng	98
48) 2-Nitroaniline	14.064	65	40527	39.333	ng	95
49) Acenaphthylene	14.711	152	201468	40.923	ng	99
50) Dimethylphthalate	14.417	163	174178	38.596	ng	98
51) 2,6-Dinitrotoluene	14.546	165	38693	41.994	ng	87
52) Acenaphthene	15.045	154	123418	40.119	ng	98
53) 3-Nitroaniline	14.881	138	38033	41.202	ng	88
54) 2,4-Dinitrophenol	15.098	184	20769	39.077	ng	99
55) Dibenzofuran	15.374	168	208343	40.308	ng	99
56) 4-Nitrophenol	15.186	139	24930	40.607	ng	95
57) 2,4-Dinitrotoluene	15.333	165	54481	41.372	ng	# 97
58) Fluorene	16.021	166	171231	40.218	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.598	232	53074m	41.900	ng	
60) Diethylphthalate	15.762	149	175572	38.310	ng	99
61) 4-Chlorophenyl-phenyle...	15.997	204	102334	39.899	ng	97
62) 4-Nitroaniline	16.038	138	37502	40.272	ng	96
63) Azobenzene	16.291	77	164068	37.104	ng	98
65) 4,6-Dinitro-2-methylph...	16.103	198	35913	44.310	ng	97
66) n-Nitrosodiphenylamine	16.214	169	149084	40.434	ng	98
67) 4-Bromophenyl-phenylether	16.890	248	66926	40.385	ng	97
68) Hexachlorobenzene	17.025	284	66314	41.178	ng	97
69) Atrazine	17.143	200	58833	41.829	ng	98
70) Pentachlorophenol	17.372	266	37357	40.250	ng	97
71) Phenanthrene	17.765	178	279766	40.218	ng	99
72) Anthracene	17.853	178	290618	40.716	ng	98
73) Carbazole	18.118	167	242726	40.394	ng	98
74) Di-n-butylphthalate	18.635	149	286007	41.368	ng	98
75) Fluoranthene	19.751	202	351105	40.582	ng	100
77) Benzidine	19.915	184	97580	35.680	ng	99
78) Pyrene	20.115	202	346791	39.012	ng	99
80) Butylbenzylphthalate	20.961	149	124013	43.969	ng	97
81) Benzo(a)anthracene	22.007	228	352419	40.435	ng	99
82) 3,3'-Dichlorobenzidine	21.907	252	115251	41.284	ng	98
83) Chrysene	22.083	228	332066	40.494	ng	100
84) Bis(2-ethylhexyl)phtha...	21.854	149	177456	42.524	ng	98
85) Di-n-octyl phthalate	23.146	149	298844	42.955	ng	98
87) Indeno(1,2,3-cd)pyrene	29.596	276	388476	40.098	ng	# 96
88) Benzo(b)fluoranthene	24.409	252	345888	39.805	ng	98
89) Benzo(k)fluoranthene	24.486	252	343036	38.848	ng	100
90) Benzo(a)pyrene	25.373	252	336062	39.586	ng	96
91) Dibenzo(a,h)anthracene	29.649	278	324376	40.204	ng	98
92) Benzo(g,h,i)perylene	30.859	276	318704	40.455	ng	99

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

