

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
 Data File : BG057499.D
 Acq On : 22 May 2023 18:40
 Operator : CG/JU
 Sample : 02864-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ETGI-289MSD

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 05/23/2023
 Supervised By : Jagrut Upadhyay 05/23/2023

Quant Time: May 23 04:06:40 2023

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat May 20 04:19:55 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.356	152	21440	20.000	ng	0.00
21) Naphthalene-d8	11.193	136	77323	20.000	ng	0.00
39) Acenaphthene-d10	14.970	164	57718	20.000	ng	0.00
64) Phenanthrene-d10	17.708	188	141796	20.000	ng	0.00
76) Chrysene-d12	22.019	240	129652	20.000	ng	0.00
86) Perylene-d12	25.515	264	139609	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.877	112	137520	109.722	ng	0.00
7) Phenol-d6	7.504	99	182077	95.666	ng	0.00
23) Nitrobenzene-d5	9.536	82	137431	74.597	ng	0.00
42) 2,4,6-Tribromophenol	16.456	330	104229	127.270	ng	0.00
45) 2-Fluorobiphenyl	13.596	172	326022	76.074	ng	0.00
79) Terphenyl-d14	20.275	244	656006	82.571	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.685	88	16736	32.295	ng	# 50
3) Pyridine	4.120	79	38856	23.331	ng	94
4) n-Nitrosodimethylamine	4.014	42	25069	32.031	ng	94
6) Aniline	7.668	93	54337	22.505	ng	97
8) 2-Chlorophenol	7.915	128	51381	38.796	ng	100
9) Benzaldehyde	7.480	77	36788	35.696	ng	98
10) Phenol	7.527	94	61865	33.344	ng	97
11) bis(2-Chloroethyl)ether	7.756	93	50316	35.965	ng	98
12) 1,3-Dichlorobenzene	8.244	146	55276	37.816	ng	95
13) 1,4-Dichlorobenzene	8.391	146	57819	39.380	ng	92
14) 1,2-Dichlorobenzene	8.714	146	55403	39.088	ng	98
15) Benzyl Alcohol	8.591	79	56662	35.736	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.878	45	59703m	33.858	ng	
17) 2-Methylphenol	8.796	107	46737	34.945	ng	97
18) Hexachloroethane	9.454	117	20421	38.541	ng	97
19) n-Nitroso-di-n-propyla...	9.160	70	46322	31.918	ng	98
20) 3+4-Methylphenols	9.125	107	63088	34.450	ng	94
22) Acetophenone	9.184	105	86136	38.921	ng	95
24) Nitrobenzene	9.577	77	67358	36.224	ng	97
25) Isophorone	10.094	82	123462	34.560	ng	99
26) 2-Nitrophenol	10.294	139	30027	42.187	ng	91
27) 2,4-Dimethylphenol	10.341	122	52481	42.109	ng	93
28) bis(2-Chloroethoxy)met...	10.570	93	67183	37.539	ng	98
29) 2,4-Dichlorophenol	10.840	162	56340	42.621	ng	98
30) 1,2,4-Trichlorobenzene	11.052	180	59169	38.808	ng	96
31) Naphthalene	11.246	128	161073	38.965	ng	99
32) Benzoic acid	10.482	122	17442	26.601	ng	94
33) 4-Chloroaniline	11.352	127	27058	14.575	ng	95
34) Hexachlorobutadiene	11.516	225	43672	38.603	ng	99
35) Caprolactam	12.115	113	15993m	35.419	ng	
36) 4-Chloro-3-methylphenol	12.450	107	60252	40.109	ng	96
37) 2-Methylnaphthalene	12.820	142	116960	35.986	ng	95
38) 1-Methylnaphthalene	13.037	142	110795	36.167	ng	96
40) 1,2,4,5-Tetrachloroben...	13.184	216	81384	39.718	ng	100
41) Hexachlorocyclopentadiene	13.155	237	71400	73.085	ng	98
43) 2,4,6-Trichlorophenol	13.419	196	53254	42.660	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.502	196	58171	39.615	ng	98
46) 1,1'-Biphenyl	13.807	154	170088	39.713	ng	99
47) 2-Chloronaphthalene	13.860	162	127921	40.165	ng	98
48) 2-Nitroaniline	14.060	65	44374	40.977	ng	100
49) Acenaphthylene	14.700	152	204581	39.539	ng	99
50) Dimethylphthalate	14.406	163	182613	38.502	ng	99
51) 2,6-Dinitrotoluene	14.541	165	40134	41.444	ng	# 83
52) Acenaphthene	15.035	154	126080	38.995	ng	99
53) 3-Nitroaniline	14.876	138	23901	24.636	ng	88
54) 2,4-Dinitrophenol	15.088	184	45270	75.763	ng	98
55) Dibenzofuran	15.364	168	207849	38.261	ng	98
56) 4-Nitrophenol	15.182	139	51716	80.149	ng	92
57) 2,4-Dinitrotoluene	15.329	165	56902	41.114	ng	93
58) Fluorene	16.010	166	174557	39.010	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.593	232	55738	41.867	ng	99
60) Diethylphthalate	15.751	149	180730	37.521	ng	98
61) 4-Chlorophenyl-phenyle...	15.986	204	102399	37.986	ng	96
62) 4-Nitroaniline	16.033	138	38288	39.120	ng	94
63) Azobenzene	16.280	77	162849	35.041	ng	96
65) 4,6-Dinitro-2-methylph...	16.092	198	37588	44.400	ng	97
66) n-Nitrosodiphenylamine	16.204	169	153533	39.866	ng	98
67) 4-Bromophenyl-phenylether	16.885	248	67815	39.177	ng	98
68) Hexachlorobenzene	17.014	284	72321	42.994	ng	94
69) Atrazine	17.138	200	69563	47.351	ng	97
70) Pentachlorophenol	17.361	266	70343	72.561	ng	98
71) Phenanthrene	17.755	178	292273	40.225	ng	99
72) Anthracene	17.843	178	296478	39.767	ng	98
73) Carbazole	18.107	167	265555	42.310	ng	99
74) Di-n-butylphthalate	18.624	149	307574	42.592	ng	99
75) Fluoranthene	19.740	202	359915	39.827	ng	100
77) Benzidine	19.928	184	41842m	14.435	ng	
78) Pyrene	20.104	202	367461	39.003	ng	99
80) Butylbenzylphthalate	20.950	149	130930	43.799	ng	96
81) Benzo(a)anthracene	21.996	228	366755	39.704	ng	98
82) 3,3'-Dichlorobenzidine	21.890	252	98141	33.170	ng	99
83) Chrysene	22.066	228	332477	38.254	ng	98
84) Bis(2-ethylhexyl)phtha...	21.837	149	186325	42.128	ng	97
85) Di-n-octyl phthalate	23.130	149	312941	42.441	ng	98
87) Indeno(1,2,3-cd)pyrene	29.562	276	399484	39.262	ng	100
88) Benzo(b)fluoranthene	24.393	252	368084	40.333	ng	99
89) Benzo(k)fluoranthene	24.469	252	350210	37.763	ng	99
90) Benzo(a)pyrene	25.350	252	318220	35.691	ng	96
91) Dibenzo(a,h)anthracene	29.615	278	337059	39.778	ng	98
92) Benzo(g,h,i)perylene	30.831	276	324718	39.246	ng	99

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

