

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
 Data File : BG051071.D
 Acq On : 16 Nov 2021 17:54
 Operator : CG/JU
 Sample : M4681-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

COMP-2MSD

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2021
 Supervised By :mohammad ahmed 11/17/2021

Quant Time: Nov 17 00:41:52 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 15 03:55:35 2021

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	31097	20.000	ng	0.00
21) Naphthalene-d8	11.049	136	132268	20.000	ng	# 0.00
39) Acenaphthene-d10	14.851	164	90308	20.000	ng	0.00
64) Phenanthrene-d10	17.600	188	222158	20.000	ng	# 0.00
76) Chrysene-d12	21.901	240	202624	20.000	ng	# 0.00
86) Perylene-d12	25.303	264	202672	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.761	112	275901	132.721	ng	0.00
7) Phenol-d6	7.371	99	368121	125.461	ng	0.00
23) Nitrobenzene-d5	9.398	82	242140	81.038	ng	0.00
42) 2,4,6-Tribromophenol	16.343	330	127702	141.304	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	464629	81.292	ng	0.00
79) Terphenyl-d14	20.186	244	809563	73.107	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.605	88	38945	42.744	ng	92
3) Pyridine	4.022	79	90257	32.703	ng	# 89
4) n-Nitrosodimethylamine	3.934	42	56198	45.905	ng	# 39
6) Aniline	7.542	93	108366	31.010	ng	95
8) 2-Chlorophenol	7.782	128	106762	50.001	ng	93
9) Benzaldehyde	7.354	77	77093	36.513	ng	89
10) Phenol	7.401	94	148408	49.250	ng	83
11) bis(2-Chloroethyl)ether	7.630	93	102827	44.285	ng	88
12) 1,3-Dichlorobenzene	8.112	146	106868	45.954	ng	95
13) 1,4-Dichlorobenzene	8.258	146	110571	47.239	ng	95
14) 1,2-Dichlorobenzene	8.582	146	104918	46.152	ng	95
15) Benzyl Alcohol	8.458	79	111569	48.343	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.740	45	156039	41.923	ng	85
17) 2-Methylphenol	8.664	107	97380	48.535	ng	92
18) Hexachloroethane	9.310	117	41251	46.428	ng	96
19) n-Nitroso-di-n-propyla...	9.028	70	94307	43.493	ng	# 88
20) 3+4-Methylphenols	8.993	107	132573	46.824	ng	93
22) Acetophenone	9.052	105	160298	43.604	ng	95
24) Nitrobenzene	9.439	77	137373	46.633	ng	95
25) Isophorone	9.962	82	237965	44.063	ng	# 96
26) 2-Nitrophenol	10.156	139	60345	48.199	ng	# 88
27) 2,4-Dimethylphenol	10.203	122	104375	54.694	ng	96
28) bis(2-Chloroethoxy)met...	10.438	93	138264	43.070	ng	93
29) 2,4-Dichlorophenol	10.691	162	103066	50.513	ng	93
30) 1,2,4-Trichlorobenzene	10.908	180	103221	45.156	ng	96
31) Naphthalene	11.102	128	317453	44.697	ng	98
32) Benzoic acid	10.356	122	78798	53.576	ng	90
33) 4-Chloroaniline	11.208	127	60487	20.157	ng	94
34) Hexachlorobutadiene	11.367	225	63849	45.905	ng	93
35) Caprolactam	11.995	113	41109m	74.101	ng	
36) 4-Chloro-3-methylphenol	12.318	107	125586	49.334	ng	94
37) 2-Methylnaphthalene	12.689	142	225961	46.820	ng	92
38) 1-Methylnaphthalene	12.906	142	210088	44.545	ng	90
40) 1,2,4,5-Tetrachloroben...	13.053	216	119686	45.493	ng	98
41) Hexachlorocyclopentadiene	13.023	237	118648	132.428	ng	89
43) 2,4,6-Trichlorophenol	13.294	196	90365	48.142	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.364	196	98792	49.350	ng	92
46) 1,1'-Biphenyl	13.681	154	286146	43.392	ng	95
47) 2-Chloronaphthalene	13.734	162	233315	45.123	ng	98
48) 2-Nitroaniline	13.940	65	93714	47.329	ng	91
49) Acenaphthylene	14.580	152	382490	45.738	ng	96
50) Dimethylphthalate	14.298	163	320716	45.136	ng	99
51) 2,6-Dinitrotoluene	14.428	165	70261	48.045	ng	# 81
52) Acenaphthene	14.915	154	219426	45.032	ng	92
53) 3-Nitroaniline	14.757	138	49621	29.033	ng	88
54) 2,4-Dinitrophenol	14.974	184	95402	119.295	ng	# 81
55) Dibenzofuran	15.250	168	368822	44.502	ng	96
56) 4-Nitrophenol	15.062	139	136135	104.119	ng	# 76
57) 2,4-Dinitrotoluene	15.215	165	104614	50.419	ng	# 92
58) Fluorene	15.897	166	299520	46.298	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.473	232	86531	50.753	ng	# 100
60) Diethylphthalate	15.644	149	342399	45.923	ng	98
61) 4-Chlorophenyl-phenyle...	15.879	204	160012	45.791	ng	95
62) 4-Nitroaniline	15.920	138	85066	47.882	ng	# 63
63) Azobenzene	16.173	77	351139	44.441	ng	82
65) 4,6-Dinitro-2-methylph...	15.979	198	65587	47.720	ng	93
66) n-Nitrosodiphenylamine	16.096	169	281070	44.054	ng	97
67) 4-Bromophenyl-phenylether	16.778	248	101022	43.412	ng	95
68) Hexachlorobenzene	16.901	284	105476	46.048	ng	97
69) Atrazine	17.036	200	119284	75.196	ng	95
70) Pentachlorophenol	17.248	266	130625	100.491	ng	94
71) Phenanthrene	17.642	178	539449	45.523	ng	98
72) Anthracene	17.736	178	551998	46.837	ng	99
73) Carbazole	18.000	167	516891	44.286	ng	98
74) Di-n-butylphthalate	18.529	149	625349	45.221	ng	# 97
75) Fluoranthene	19.639	202	668706	45.996	ng	96
77) Benzidine	19.815	184	250398	65.377	ng	98
78) Pyrene	20.003	202	668930	44.006	ng	98
80) Butylbenzylphthalate	20.867	149	276417	42.305	ng	99
81) Benzo(a)anthracene	21.878	228	611179	43.928	ng	99
82) 3,3'-Dichlorobenzidine	21.784	252	127724	20.073	ng	# 96
83) Chrysene	21.948	228	584754	44.553	ng	95
84) Bis(2-ethylhexyl)phtha...	21.743	149	401305	43.619	ng	# 97
85) Di-n-octyl phthalate	23.012	149	687607	44.399	ng	99
87) Indeno(1,2,3-cd)pyrene	29.234	276	672694	46.762	ng	# 95
88) Benzo(b)fluoranthene	24.216	252	613442	48.085	ng	# 93
89) Benzo(k)fluoranthene	24.287	252	593693	46.660	ng	# 97
90) Benzo(a)pyrene	25.145	252	594829	54.615	ng	# 95
91) Dibenzo(a,h)anthracene	29.293	278	565351	47.733	ng	# 94
92) Benzo(g,h,i)perylene	30.462	276	561633	48.185	ng	# 90

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

