

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080423\
 Data File : BG058607.D
 Acq On : 4 Aug 2023 12:05
 Operator : MA/JU
 Sample : 03877-07MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

COMP-3MS

Manual Integrations

APPROVED

 Reviewed By :Yogesh
 Patel

Quant Time: Aug 04 12:48:05 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 28 22:29:07 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	51900	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	225052	20.000	ng	0.00
39) Acenaphthene-d10	14.464	164	155371	20.000	ng	0.00
64) Phenanthrene-d10	17.208	188	350382	20.000	ng	0.00
76) Chrysene-d12	21.450	240	299170	20.000	ng	0.00
86) Perylene-d12	24.523	264	383920	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	339926	100.108	ng	0.00
7) Phenol-d6	6.990	99	461621	97.700	ng	0.00
23) Nitrobenzene-d5	8.976	82	275742	60.190	ng	0.00
42) 2,4,6-Tribromophenol	15.956	330	215837	84.754	ng	0.00
45) 2-Fluorobiphenyl	13.083	172	605501	58.402	ng	0.00
79) Terphenyl-d14	19.828	244	1023070	64.308	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.265	88	61425	37.331	ng	97
3) Pyridine	3.659	79	153180	34.147	ng	99
4) n-Nitrosodimethylamine	3.582	42	82026	43.155	ng	98
6) Aniline	7.137	93	178926	30.758	ng	99
8) 2-Chlorophenol	7.378	128	169813	50.977	ng	99
9) Benzaldehyde	6.949	77	96073	37.426	ng	98
10) Phenol	7.014	94	237418	51.439	ng	98
11) bis(2-Chloroethyl)ether	7.237	93	168224	46.232	ng	97
12) 1,3-Dichlorobenzene	7.701	146	171657	48.258	ng	98
13) 1,4-Dichlorobenzene	7.848	146	173391	48.547	ng	97
14) 1,2-Dichlorobenzene	8.165	146	169266	49.569	ng	98
15) Benzyl Alcohol	8.054	79	157484	52.558	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.342	45	280083m	47.386	ng	
17) 2-Methylphenol	8.259	107	157513	46.674	ng	99
18) Hexachloroethane	8.888	117	64334	49.557	ng	90
19) n-Nitroso-di-n-propyla...	8.618	70	133185	43.640	ng	99
20) 3+4-Methylphenols	8.594	107	217349	47.614	ng	99
22) Acetophenone	8.635	105	265844	44.116	ng	100
24) Nitrobenzene	9.023	77	201821	43.334	ng	98
25) Isophorone	9.540	82	387464	40.934	ng	100
26) 2-Nitrophenol	9.728	139	94277	46.503	ng	98
27) 2,4-Dimethylphenol	9.793	122	148326	44.108	ng	95
28) bis(2-Chloroethoxy)met...	10.022	93	224605	43.602	ng	100
29) 2,4-Dichlorophenol	10.269	162	167094	47.856	ng	98
30) 1,2,4-Trichlorobenzene	10.480	180	185087	45.965	ng	98
31) Naphthalene	10.668	128	524859	44.249	ng	99
32) Benzoic acid	9.957	122	116128	45.498	ng	99
33) 4-Chloroaniline	10.780	127	132270	26.393	ng	98
34) Hexachlorobutadiene	10.944	225	113864	43.909	ng	99
35) Caprolactam	11.567	113	57302m	44.442	ng	
36) 4-Chloro-3-methylphenol	11.914	107	204961	47.453	ng	96
37) 2-Methylnaphthalene	12.278	142	363835	42.881	ng	97
38) 1-Methylnaphthalene	12.501	142	352118	43.658	ng	96
40) 1,2,4,5-Tetrachloroben...	12.648	216	214576	44.984	ng	99
41) Hexachlorocyclopentadiene	12.625	237	135575	62.794	ng	98
43) 2,4,6-Trichlorophenol	12.895	196	154583	47.116	ng	98

08/07/2023

Supervised By :mohammad

Ahmed

08/07/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	12.971	196	164640	42.604	ng	99	08/07/2023
46) 1,1'-Biphenyl	13.295	154	483948	45.355	ng	99	Supervised By :mohammad
47) 2-Chloronaphthalene	13.336	162	388282	46.671	ng	98	ahmed
48) 2-Nitroaniline	13.547	65	143910	45.319	ng	99	
49) Acenaphthylene	14.182	152	638273	45.824	ng	100	
50) Dimethylphthalate	13.923	163	489337	41.936	ng	100	
51) 2,6-Dinitrotoluene	14.047	165	113021	44.143	ng	99	08/07/2023
52) Acenaphthene	14.528	154	358035	44.486	ng	99	
53) 3-Nitroaniline	14.376	138	92661	36.173	ng	99	
54) 2,4-Dinitrophenol	14.587	184	92019	65.275	ng	99	
55) Dibenzofuran	14.863	168	603918	43.668	ng	99	
56) 4-Nitrophenol	14.699	139	166291	87.292	ng	97	
57) 2,4-Dinitrotoluene	14.834	165	157489	44.368	ng	95	
58) Fluorene	15.510	166	475312	43.264	ng	100	
59) 2,3,4,6-Tetrachlorophenol	15.093	232	145682	44.179	ng	99	
60) Diethylphthalate	15.281	149	499567	42.024	ng	100	
61) 4-Chlorophenyl-phenyle...	15.504	204	264257	43.144	ng	99	
62) 4-Nitroaniline	15.539	138	106905	44.056	ng	96	
63) Azobenzene	15.798	77	539879	46.109	ng	98	
65) 4,6-Dinitro-2-methylph...	15.598	198	78951	40.866	ng	99	
66) n-Nitrosodiphenylamine	15.721	169	419743	46.027	ng	98	
67) 4-Bromophenyl-phenylether	16.397	248	177253	44.602	ng	98	
68) Hexachlorobenzene	16.514	284	200731	47.666	ng	99	
69) Atrazine	16.673	200	164551	53.451	ng	98	
70) Pentachlorophenol	16.861	266	199199	78.150	ng	98	
71) Phenanthrene	17.255	178	742279	44.671	ng	99	
72) Anthracene	17.343	178	756953	44.396	ng	99	
73) Carbazole	17.613	167	698829	46.480	ng	99	
74) Di-n-butylphthalate	18.165	149	865588	45.963	ng	100	
75) Fluoranthene	19.264	202	888505	44.514	ng	99	
77) Benzidine	19.452	184	393345	86.704	ng	98	
78) Pyrene	19.628	202	910954	44.742	ng	100	
80) Butylbenzylphthalate	20.516	149	387644	46.351	ng	98	
81) Benzo(a)anthracene	21.432	228	947703	46.030	ng	100	
82) 3,3'-Dichlorobenzidine	21.356	252	262075	37.648	ng	99	
83) Chrysene	21.497	228	869855	44.065	ng	100	
84) Bis(2-ethylhexyl)phtha...	21.338	149	565365	46.261	ng	99	
85) Di-n-octyl phthalate	22.490	149	999988	46.540	ng	100	
87) Indeno(1,2,3-cd)pyrene	28.030	276	1140804	44.666	ng	# 90	
88) Benzo(b)fluoranthene	23.553	252	1004221	48.227	ng	100	
89) Benzo(k)fluoranthene	23.612	252	951504	45.486	ng	99	
90) Benzo(a)pyrene	24.382	252	897999	43.913	ng	98	
91) Dibenzo(a,h)anthracene	28.071	278	982694	46.532	ng	99	
92) Benzo(g,h,i)perylene	29.111	276	886087	41.842	ng	98	

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

