

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062723\
 Data File : BG057873.D
 Acq On : 27 Jun 2023 19:15
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG062723

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/29/2023

Quant Time: Jun 28 01:13:52 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 28 01:12:33 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	41373	20.000	ng	0.00
21) Naphthalene-d8	10.724	136	181207	20.000	ng	0.00
39) Acenaphthene-d10	14.560	164	142873	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	369819	20.000	ng	0.00
76) Chrysene-d12	21.558	240	309834	20.000	ng	0.00
86) Perylene-d12	24.707	264	384714	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.495	112	212295	78.508	ng	0.00
7) Phenol-d6	7.087	99	331015	81.861	ng	0.00
23) Nitrobenzene-d5	9.084	82	301607	81.570	ng	0.00
42) 2,4,6-Tribromophenol	16.047	330	193454	80.616	ng	0.00
45) 2-Fluorobiphenyl	13.180	172	721972	77.115	ng	0.00
79) Terphenyl-d14	19.919	244	1313690	77.299	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.403	88	48534	39.158	ng	92
3) Pyridine	3.791	79	146613	40.991	ng	98
4) n-Nitrosodimethylamine	3.708	42	58392	39.608	ng	# 96
6) Aniline	7.251	93	205136	40.609	ng	98
8) 2-Chlorophenol	7.486	128	108968	40.142	ng	97
9) Benzaldehyde	7.057	77	88955	44.071	ng	94
10) Phenol	7.110	94	159980	40.714	ng	98
11) bis(2-Chloroethyl)ether	7.345	93	119929	40.483	ng	98
12) 1,3-Dichlorobenzene	7.809	146	109487	39.212	ng	97
13) 1,4-Dichlorobenzene	7.956	146	110521	39.407	ng	97
14) 1,2-Dichlorobenzene	8.280	146	108485	39.970	ng	98
15) Benzyl Alcohol	8.156	79	125225	42.033	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.450	45	194751	39.480	ng	99
17) 2-Methylphenol	8.362	107	118585	40.708	ng	98
18) Hexachloroethane	9.008	117	38938	39.843	ng	96
19) n-Nitroso-di-n-propyla...	8.726	70	111833	41.332	ng	98
20) 3+4-Methylphenols	8.691	107	171108	42.159	ng	100
22) Acetophenone	8.744	105	204466	40.543	ng	# 98
24) Nitrobenzene	9.126	77	153333	41.315	ng	98
25) Isophorone	9.648	82	334639	41.917	ng	99
26) 2-Nitrophenol	9.836	139	65636	43.401	ng	100
27) 2,4-Dimethylphenol	9.895	122	119828	41.096	ng	98
28) bis(2-Chloroethoxy)met...	10.130	93	175227	40.844	ng	99
29) 2,4-Dichlorophenol	10.371	162	118711	41.514	ng	96
30) 1,2,4-Trichlorobenzene	10.589	180	122965	39.943	ng	97
31) Naphthalene	10.777	128	391834	40.509	ng	100
32) Benzoic acid	10.030	122	101638m	44.567	ng	
33) 4-Chloroaniline	10.882	127	193057	42.421	ng	99
34) Hexachlorobutadiene	11.059	225	75110	39.558	ng	96
35) Caprolactam	11.664	113	54142	43.689	ng	93
36) 4-Chloro-3-methylphenol	12.005	107	160344	42.236	ng	99
37) 2-Methylnaphthalene	12.386	142	297087	41.665	ng	98
38) 1-Methylnaphthalene	12.604	142	279024	41.413	ng	99
40) 1,2,4,5-Tetrachloroben...	12.751	216	156476	39.147	ng	100
41) Hexachlorocyclopentadiene	12.727	237	86346	40.183	ng	95
43) 2,4,6-Trichlorophenol	12.986	196	119274	40.481	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.062	196	141930	40.472	ng	97
46) 1,1'-Biphenyl	13.391	154	377306	38.772	ng	99
47) 2-Chloronaphthalene	13.438	162	292793	39.178	ng	99
48) 2-Nitroaniline	13.638	65	123684	41.535	ng	93
49) Acenaphthylene	14.284	152	512558	39.107	ng	99
50) Dimethylphthalate	14.014	163	447602	39.527	ng	100
51) 2,6-Dinitrotoluene	14.131	165	98465	41.879	ng	98
52) Acenaphthene	14.625	154	304957	39.830	ng	99
53) 3-Nitroaniline	14.460	138	109129	40.828	ng	97
54) 2,4-Dinitrophenol	14.666	184	55642	42.836	ng	97
55) Dibenzofuran	14.954	168	514484	39.176	ng	97
56) 4-Nitrophenol	14.766	139	90637	41.360	ng	99
57) 2,4-Dinitrotoluene	14.919	165	142567	41.788	ng	99
58) Fluorene	15.606	166	414593	39.114	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.177	232	128992	40.576	ng	99
60) Diethylphthalate	15.377	149	468257	39.229	ng	99
61) 4-Chlorophenyl-phenyle...	15.594	204	224560	39.498	ng	97
62) 4-Nitroaniline	15.630	138	110987	39.585	ng	97
63) Azobenzene	15.888	77	455129	39.872	ng	99
65) 4,6-Dinitro-2-methylph...	15.683	198	85829	43.128	ng	98
66) n-Nitrosodiphenylamine	15.812	169	378024	40.054	ng	98
67) 4-Bromophenyl-phenylether	16.493	248	158449	40.588	ng	98
68) Hexachlorobenzene	16.605	284	165030	40.033	ng	97
69) Atrazine	16.758	200	132668	37.851	ng	98
70) Pentachlorophenol	16.952	266	129942	41.218	ng	99
71) Phenanthrene	17.345	178	695394	39.171	ng	100
72) Anthracene	17.439	178	714135	39.004	ng	99
73) Carbazole	17.704	167	668460	38.398	ng	100
74) Di-n-butylphthalate	18.268	149	831048	38.624	ng	100
75) Fluoranthene	19.355	202	851324	38.066	ng	99
77) Benzidine	19.537	184	283239	38.965	ng	99
78) Pyrene	19.719	202	870069	39.328	ng	100
80) Butylbenzylphthalate	20.606	149	357901	39.895	ng	98
81) Benzo(a)anthracene	21.540	228	845720	39.443	ng	100
82) 3,3'-Dichlorobenzidine	21.458	252	298951	39.184	ng	99
83) Chrysene	21.605	228	806338	39.730	ng	99
84) Bis(2-ethylhexyl)phtha...	21.446	149	499024	39.179	ng	98
85) Di-n-octyl phthalate	22.633	149	901817	40.123	ng	98
87) Indeno(1,2,3-cd)pyrene	28.297	276	1027062	40.300	ng	# 94
88) Benzo(b)fluoranthene	23.708	252	831545	39.630	ng	100
89) Benzo(k)fluoranthene	23.779	252	864821	40.780	ng	99
90) Benzo(a)pyrene	24.560	252	829138	39.890	ng	100
91) Dibenzo(a,h)anthracene	28.356	278	853920	40.392	ng	100
92) Benzo(g,h,i)perylene	29.425	276	846907	40.309	ng	99

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

