

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061323\
 Data File : BG057692.D
 Acq On : 13 Jun 2023 17:12
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 14 03:04:34 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 14 03:04:27 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	24795	20.000	ng	0.00
21) Naphthalene-d8	10.743	136	112126	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	82770	20.000	ng	0.00
64) Phenanthrene-d10	17.312	188	212606	20.000	ng	0.00
76) Chrysene-d12	21.572	240	190129	20.000	ng	0.00
86) Perylene-d12	24.733	264	226200	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	29908	19.641	ng	0.00
7) Phenol-d6	7.089	99	48163	20.588	ng	0.00
23) Nitrobenzene-d5	9.098	82	21192	24.249	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	13602	14.730	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	118504	21.341	ng	0.00
79) Terphenyl-d14	19.932	244	225034	21.883	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.428	88	8507	10.973	ng	89
3) Pyridine	3.816	79	22491	10.244	ng	93
4) n-Nitrosodimethylamine	3.728	42	11001	10.278	ng	# 93
6) Aniline	7.265	93	31961	10.413	ng	93
8) 2-Chlorophenol	7.500	128	14358	9.834	ng	95
9) Benzaldehyde	7.077	77	16984	11.779	ng	94
10) Phenol	7.112	94	22891	10.014	ng	92
11) bis(2-Chloroethyl)ether	7.359	93	19280	10.761	ng	97
12) 1,3-Dichlorobenzene	7.829	146	17954	10.631	ng	92
13) 1,4-Dichlorobenzene	7.976	146	17561	10.487	ng	96
14) 1,2-Dichlorobenzene	8.299	146	18046	11.092	ng	95
15) Benzyl Alcohol	8.176	79	17740	9.902	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.469	45	41784m	10.711	ng	
17) 2-Methylphenol	8.375	107	17530	10.421	ng	95
18) Hexachloroethane	9.022	117	5048	9.755	ng	89
19) n-Nitroso-di-n-propyla...	8.740	70	17593	10.401	ng	# 98
20) 3+4-Methylphenols	8.699	107	23105	10.046	ng	94
22) Acetophenone	8.757	105	34444	10.574	ng	# 96
24) Nitrobenzene	9.139	77	11707	10.256	ng	96
25) Isophorone	9.662	82	52629	10.127	ng	98
26) 2-Nitrophenol	9.850	139	2595	10.744	ng	# 75
27) 2,4-Dimethylphenol	9.903	122	17279	9.957	ng	95
28) bis(2-Chloroethoxy)met...	10.150	93	27316	10.111	ng	99
29) 2,4-Dichlorophenol	10.385	162	12407	8.428	ng	90
30) 1,2,4-Trichlorobenzene	10.602	180	19314	10.094	ng	98
31) Naphthalene	10.790	128	61537	10.212	ng	99
32) Benzoic acid	9.968	122	4100	6.046	ng	# 76
33) 4-Chloroaniline	10.896	127	29142	10.387	ng	97
34) Hexachlorobutadiene	11.084	225	12647	10.511	ng	95
35) Caprolactam	11.642	113	5581	9.190	ng	91
36) 4-Chloro-3-methylphenol	12.012	107	18465	8.854	ng	96
37) 2-Methylnaphthalene	12.400	142	46298	10.385	ng	98
38) 1-Methylnaphthalene	12.618	142	42654	10.198	ng	96
40) 1,2,4,5-Tetrachloroben...	12.764	216	24246	10.348	ng	99
41) Hexachlorocyclopentadiene	12.753	237	7118	7.965	ng	94
43) 2,4,6-Trichlorophenol	12.999	196	10797	9.959	ng	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.070	196	12961	10.048	ng	99
46) 1,1'-Biphenyl	13.405	154	60929	10.654	ng	95
47) 2-Chloronaphthalene	13.446	162	44537	10.304	ng	95
48) 2-Nitroaniline	13.640	65	5365	9.861	ng	96
49) Acenaphthylene	14.292	152	78906	10.527	ng	99
50) Dimethylphthalate	14.028	163	62567	10.310	ng	# 98
51) 2,6-Dinitrotoluene	14.139	165	4265	9.831	ng	89
52) Acenaphthene	14.639	154	46776	10.410	ng	96
53) 3-Nitroaniline	14.468	138	5533	9.614	ng	# 90
54) 2,4-Dinitrophenol	14.668	184	1901	9.545	ng	97
55) Dibenzofuran	14.968	168	80698	10.700	ng	98
56) 4-Nitrophenol	14.762	139	4735	10.378	ng	90
57) 2,4-Dinitrotoluene	14.927	165	5689	9.902	ng	# 98
58) Fluorene	15.620	166	67262	11.195	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.191	232	10818	10.008	ng	# 98
60) Diethylphthalate	15.391	149	64957	10.369	ng	98
61) 4-Chlorophenyl-phenyle...	15.614	204	35696	11.090	ng	98
62) 4-Nitroaniline	15.626	138	7210	10.207	ng	# 85
63) Azobenzene	15.902	77	72952	10.830	ng	95
65) 4,6-Dinitro-2-methylph...	15.685	198	2773	10.562	ng	# 76
66) n-Nitrosodiphenylamine	15.826	169	57258	10.302	ng	99
67) 4-Bromophenyl-phenylether	16.507	248	21481	9.923	ng	98
68) Hexachlorobenzene	16.619	284	23336	10.315	ng	97
69) Atrazine	16.771	200	18249	9.869	ng	94
70) Pentachlorophenol	16.959	266	9167	6.749	ng	97
71) Phenanthrene	17.359	178	110691	10.669	ng	97
72) Anthracene	17.447	178	111499	10.609	ng	98
73) Carbazole	17.712	167	105406	10.829	ng	100
74) Di-n-butylphthalate	18.281	149	102477	9.499	ng	98
75) Fluoranthene	19.368	202	134914	10.795	ng	99
77) Benzidine	19.551	184	46676	10.298	ng	98
78) Pyrene	19.727	202	144259	10.664	ng	99
80) Butylbenzylphthalate	20.626	149	32943	10.225	ng	97
81) Benzo(a)anthracene	21.554	228	138238	10.528	ng	98
82) 3,3'-Dichlorobenzidine	21.472	252	42370	9.907	ng	100
83) Chrysene	21.613	228	128702	10.299	ng	98
84) Bis(2-ethylhexyl)phtha...	21.478	149	58366	8.758	ng	99
85) Di-n-octyl phthalate	22.670	149	83697	7.283	ng	96
87) Indeno(1,2,3-cd)pyrene	28.329	276	147035	10.046	ng	# 82
88) Benzo(b)fluoranthene	23.728	252	123434	10.059	ng	99
89) Benzo(k)fluoranthene	23.793	252	132786	10.434	ng	97
90) Benzo(a)pyrene	24.580	252	122827	10.180	ng	99
91) Dibenzo(a,h)anthracene	28.399	278	123602	10.219	ng	98
92) Benzo(g,h,i)perylene	29.445	276	122071	10.112	ng	97

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

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