

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060823\
 Data File : BG057667.D
 Acq On : 8 Jun 2023 11:48
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 09 00:33:42 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060823.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 09 00:28:39 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.311	152	17743	20.000	ng	0.00
21) Naphthalene-d8	11.143	136	44940	20.000	ng	# 0.00
39) Acenaphthene-d10	14.926	164	19439	20.000	ng	0.00
64) Phenanthrene-d10	17.670	188	46913	20.000	ng	0.00
76) Chrysene-d12	21.965	240	101157	20.000	ng	# 0.00
86) Perylene-d12	25.432	264	116354	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.831	112	9989	11.699	ng	0.00
7) Phenol-d6	7.465	99	33051	23.539	ng	0.00
23) Nitrobenzene-d5	9.492	82	31107	30.686	ng	0.00
42) 2,4,6-Tribromophenol	16.413	330	6080	21.297	ng	0.00
45) 2-Fluorobiphenyl	13.552	172	29919	20.655	ng	0.00
79) Terphenyl-d14	20.238	244	83657	14.231	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.628	88	5232	9.685	ng	98
3) Pyridine	4.051	79	5448	4.787	ng	95
4) n-Nitrosodimethylamine	3.963	42	5216	6.140	ng	84
6) Aniline	7.629	93	20725	11.365	ng	98
8) 2-Chlorophenol	7.876	128	11802	11.054	ng	93
9) Benzaldehyde	7.441	77	10823	13.276	ng	94
10) Phenol	7.488	94	16355	12.121	ng	94
11) bis(2-Chloroethyl)ether	7.717	93	12340	11.668	ng	96
12) 1,3-Dichlorobenzene	8.199	146	12069	10.644	ng	92
13) 1,4-Dichlorobenzene	8.346	146	13002	10.847	ng	94
14) 1,2-Dichlorobenzene	8.669	146	11079	9.620	ng	92
15) Benzyl Alcohol	8.557	79	10643	9.312	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.834	45	23183m	10.552	ng	
17) 2-Methylphenol	8.763	107	9349	8.895	ng	98
18) Hexachloroethane	9.409	117	4724	10.418	ng	92
19) n-Nitroso-di-n-propyla...	9.110	70	10388	10.460	ng	# 94
20) 3+4-Methylphenols	9.092	107	15150	10.510	ng	90
22) Acetophenone	9.145	105	19977	15.924	ng	97
24) Nitrobenzene	9.533	77	15134	15.286	ng	98
25) Isophorone	10.056	82	20793	11.730	ng	# 95
26) 2-Nitrophenol	10.261	139	3977	9.865	ng	92
27) 2,4-Dimethylphenol	10.302	122	7297	9.902	ng	91
28) bis(2-Chloroethoxy)met...	10.532	93	6551	7.024	ng	90
29) 2,4-Dichlorophenol	10.808	162	4476	6.655	ng	96
30) 1,2,4-Trichlorobenzene	11.007	180	8139	10.041	ng	90
31) Naphthalene	11.201	128	25364	10.381	ng	98
32) Benzoic acid	10.302	122	7297	20.224	ng	# 11
33) 4-Chloroaniline	11.307	127	11598	10.906	ng	97
34) Hexachlorobutadiene	11.460	225	4733	8.486	ng	95
35) Caprolactam	12.059	113	1671	8.017	ng	# 85
36) 4-Chloro-3-methylphenol	12.418	107	5338	6.639	ng	# 83
37) 2-Methylnaphthalene	12.782	142	11164	6.685	ng	89
38) 1-Methylnaphthalene	12.999	142	10531	6.763	ng	# 88
40) 1,2,4,5-Tetrachloroben...	13.146	216	6116	9.759	ng	98
41) Hexachlorocyclopentadiene	13.117	237	57	11.648	ng	# 26
43) 2,4,6-Trichlorophenol	13.381	196	3582m	9.338	ng	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.469	196	4249	9.479	ng	91
46) 1,1'-Biphenyl	13.763	154	14253	9.910	ng	96
47) 2-Chloronaphthalene	13.822	162	10817	10.123	ng	96
48) 2-Nitroaniline	14.022	65	4083	9.349	ng	92
49) Acenaphthylene	14.662	152	17652	9.794	ng	96
50) Dimethylphthalate	14.368	163	14701	9.878	ng	# 95
51) 2,6-Dinitrotoluene	14.503	165	2985	9.397	ng	# 76
52) Acenaphthene	14.997	154	11056	10.415	ng	93
53) 3-Nitroaniline	14.838	138	3029	9.332	ng	97
54) 2,4-Dinitrophenol	15.103	184	358	2.969	ng	# 12
55) Dibenzofuran	15.326	168	18098	10.483	ng	# 89
56) 4-Nitrophenol	15.179	139	1363	7.377	ng	97
57) 2,4-Dinitrotoluene	15.297	165	4447	10.286	ng	# 85
58) Fluorene	15.972	166	15386	11.066	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.561	232	3865	10.653	ng	# 95
60) Diethylphthalate	15.708	149	15802	10.589	ng	98
61) 4-Chlorophenyl-phenyle...	15.949	204	8479	10.878	ng	94
62) 4-Nitroaniline	15.996	138	3120	9.741	ng	# 42
63) Azobenzene	16.242	77	15676	10.658	ng	91
65) 4,6-Dinitro-2-methylph...	16.072	198	1843	6.255	ng	89
66) n-Nitrosodiphenylamine	16.160	169	13133	8.434	ng	93
67) 4-Bromophenyl-phenylether	16.842	248	5411	9.199	ng	97
68) Hexachlorobenzene	16.977	284	5639	10.034	ng	94
69) Atrazine	17.094	200	4982	10.148	ng	97
70) Pentachlorophenol	17.335	266	1002	12.120	ng	# 73
71) Phenanthrene	17.711	178	24293	9.884	ng	98
72) Anthracene	17.799	178	25333	9.953	ng	97
73) Carbazole	18.076	167	23445	9.958	ng	99
74) Di-n-butylphthalate	18.587	149	28351	8.947	ng	98
75) Fluoranthene	19.703	202	48739	12.393	ng	97
77) Benzidine	19.874	184	17602	6.867	ng	97
78) Pyrene	20.067	202	52933	7.232	ng	97
80) Butylbenzylphthalate	20.908	149	20188	7.569	ng	99
81) Benzo(a)anthracene	21.948	228	72628	10.191	ng	99
82) 3,3'-Dichlorobenzidine	21.842	252	24987	9.894	ng	100
83) Chrysene	22.018	228	68248	10.125	ng	98
84) Bis(2-ethylhexyl)phtha...	21.789	149	39299	9.834	ng	98
85) Di-n-octyl phthalate	23.064	149	68460	9.921	ng	99
87) Indeno(1,2,3-cd)pyrene	29.439	276	77783	9.966	ng	98
88) Benzo(b)fluoranthene	24.321	252	67782	9.918	ng	# 97
89) Benzo(k)fluoranthene	24.392	252	71173m	10.250	ng	
90) Benzo(a)pyrene	25.261	252	66456	10.004	ng	# 97
91) Dibenzo(a,h)anthracene	29.480	278	64596	9.902	ng	# 97
92) Benzo(g,h,i)perylene	30.696	276	64325	10.095	ng	# 96

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

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