

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111423\
 Data File : BG059686.D
 Acq On : 14 Nov 2023 18:03
 Operator : MA/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Yogesh

Patel

11/16/2023

Supervised By :mohammad

ahmed

11/17/2023

Quant Time: Nov 15 07:42:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 07:25:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.348	152	30283	20.000	ng	0.00
21) Naphthalene-d8	11.198	136	145785	20.000	ng	# 0.00
39) Acenaphthene-d10	14.976	164	105069	20.000	ng	0.00
64) Phenanthrene-d10	17.725	188	255632	20.000	ng	0.00
76) Chrysene-d12	22.056	240	329533	20.000	ng	0.00
86) Perylene-d12	25.651	264	385568	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.833	112	32112	18.307	ng	0.00
7) Phenol-d6	7.461	99	50835	19.177	ng	0.00
23) Nitrobenzene-d5	9.547	82	57612	16.989	ng	0.00
42) 2,4,6-Tribromophenol	16.456	330	21851	18.428	ng	0.00
45) 2-Fluorobiphenyl	13.601	172	141902	18.208	ng	0.00
79) Terphenyl-d14	20.299	244	263416	16.492	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.689	88	7564	7.706	ng	# 92
3) Pyridine	4.106	79	21084	7.536	ng	# 79
4) n-Nitrosodimethylamine	4.024	42	7793	8.305	ng	# 97
6) Aniline	7.667	93	35762	10.153	ng	# 88
8) 2-Chlorophenol	7.896	128	19240	9.699	ng	85
9) Benzaldehyde	7.484	77	17440	10.166	ng	# 80
10) Phenol	7.490	94	25370	9.318	ng	91
11) bis(2-Chloroethyl)ether	7.761	93	17968	10.270	ng	84
12) 1,3-Dichlorobenzene	8.225	146	21654	9.929	ng	98
13) 1,4-Dichlorobenzene	8.383	146	21839	9.542	ng	97
14) 1,2-Dichlorobenzene	8.701	146	20609m	9.762	ng	
15) Benzyl Alcohol	8.583	79	25857	9.162	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.848	45	6134m	9.321	ng	
17) 2-Methylphenol	8.765	107	18582	9.316	ng	93
18) Hexachloroethane	9.435	117	8128	9.321	ng	89
19) n-Nitroso-di-n-propyla...	9.147	70	18977	9.293	ng	# 87
20) 3+4-Methylphenols	9.088	107	26348	9.452	ng	89
22) Acetophenone	9.194	105	34492	8.709	ng	# 90
24) Nitrobenzene	9.588	77	27040	8.599	ng	91
25) Isophorone	10.093	82	55587	9.529	ng	98
26) 2-Nitrophenol	10.299	139	10913	8.964	ng	# 85
27) 2,4-Dimethylphenol	10.316	122	23288	9.594	ng	# 80
28) bis(2-Chloroethoxy)met...	10.581	93	22974	9.495	ng	# 94
29) 2,4-Dichlorophenol	10.828	162	19210	8.857	ng	# 73
30) 1,2,4-Trichlorobenzene	11.039	180	18469	8.338	ng	# 89
31) Naphthalene	11.245	128	70942	9.638	ng	# 96
32) Benzoic acid	10.369	122	13462	8.391	ng	# 69
33) 4-Chloroaniline	11.362	127	31785	9.761	ng	# 84
34) Hexachlorobutadiene	11.480	225	13520	9.482	ng	98
35) Caprolactam	12.120	113	7048	9.085	ng	# 82
36) 4-Chloro-3-methylphenol	12.426	107	25846	8.841	ng	# 88
37) 2-Methylnaphthalene	12.825	142	60790	9.889	ng	92
38) 1-Methylnaphthalene	13.043	142	55018	9.743	ng	94
40) 1,2,4,5-Tetrachloroben...	13.166	216	27229	9.514	ng	91
41) Hexachlorocyclopentadiene	13.119	237	14362	7.845	ng	78
43) 2,4,6-Trichlorophenol	13.407	196	17555	8.795	ng	95

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44) 2,4,5-Trichlorophenol	13.472	196	19552	8.551	ng	#	77
46) 1,1'-Biphenyl	13.812	154	73457	8.980	ng		99
47) 2-Chloronaphthalene	13.865	162	52418	9.122	ng	#	92
48) 2-Nitroaniline	14.077	65	16248	8.321	ng	#	65
49) Acenaphthylene	14.705	152	90294	9.304	ng		99
50) Dimethylphthalate	14.412	163	76802	9.585	ng		99
51) 2,6-Dinitrotoluene	14.553	165	14776	9.566	ng	#	76
52) Acenaphthene	15.040	154	54667	9.392	ng		94
53) 3-Nitroaniline	14.899	138	16841	9.335	ng	#	64
54) 2,4-Dinitrophenol	15.093	184	9180	8.841	ng	#	66
55) Dibenzofuran	15.369	168	89475	9.464	ng		97
56) 4-Nitrophenol	15.158	139	13265	9.697	ng	#	59
57) 2,4-Dinitrotoluene	15.334	165	19574	8.620	ng	#	77
58) Fluorene	16.021	166	76852	9.477	ng		89
59) 2,3,4,6-Tetrachlorophenol	15.575	232	19019	9.669	ng	#	93
60) Diethylphthalate	15.757	149	78066	9.041	ng		95
61) 4-Chlorophenyl-phenyle...	15.998	204	34232	8.243	ng		89
62) 4-Nitroaniline	16.057	138	16964	9.215	ng		91
63) Azobenzene	16.298	77	86956	9.259	ng		97
65) 4,6-Dinitro-2-methylph...	16.074	198	12137	8.333	ng		92
66) n-Nitrosodiphenylamine	16.221	169	69667	9.320	ng		96
67) 4-Bromophenyl-phenylether	16.897	248	23478	8.730	ng		96
68) Hexachlorobenzene	16.985	284	23257	9.216	ng		90
69) Atrazine	17.150	200	24009	10.233	ng		93
70) Pentachlorophenol	17.343	266	15990	8.554	ng	#	86
71) Phenanthrene	17.766	178	120624	9.099	ng		99
72) Anthracene	17.860	178	125222	9.178	ng		98
73) Carbazole	18.137	167	119462	10.001	ng		96
74) Di-n-butylphthalate	18.642	149	127465	9.192	ng		98
75) Fluoranthene	19.758	202	145123	9.398	ng		97
77) Benzidine	19.946	184	60288	10.827	ng		98
78) Pyrene	20.123	202	141962	9.691	ng		97
80) Butylbenzylphthalate	20.986	149	74814	8.572	ng		98
81) Benzo(a)anthracene	22.032	228	209010	9.302	ng		97
82) 3,3'-Dichlorobenzidine	21.944	252	75922	9.228	ng		99
83) Chrysene	22.108	228	188179	8.816	ng	#	92
84) Bis(2-ethylhexyl)phtha...	21.868	149	122273	9.333	ng		96
85) Di-n-octyl phthalate	23.213	149	203066	9.479	ng		98
87) Indeno(1,2,3-cd)pyrene	29.811	276	234898	8.659	ng	#	97
88) Benzo(b)fluoranthene	24.482	252	205876	8.798	ng		98
89) Benzo(k)fluoranthene	24.564	252	214406m	9.151	ng		
90) Benzo(a)pyrene	25.475	252	202622	8.958	ng	#	93
91) Dibenzo(a,h)anthracene	29.888	278	208471m	8.968	ng		
92) Benzo(g,h,i)perylene	31.133	276	200098	8.966	ng	#	94

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

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