

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091823\
 Data File : BG059083.D
 Acq On : 18 Sep 2023 11:46
 Operator : MA/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :Sohil Jodhani 09/19/2023

Quant Time: Sep 19 02:03:24 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091823.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 19 01:57:32 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.303	152	30646	20.000	ng	0.00
21) Naphthalene-d8	11.147	136	144356	20.000	ng	0.00
39) Acenaphthene-d10	14.931	164	93614	20.000	ng	0.00
64) Phenanthrene-d10	17.680	188	206052	20.000	ng	0.00
76) Chrysene-d12	21.999	240	190962	20.000	ng	0.00
86) Perylene-d12	25.548	264	217364	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.789	112	79204	40.376	ng	0.00
7) Phenol-d6	7.410	99	118690	40.710	ng	0.00
23) Nitrobenzene-d5	9.496	82	110810	41.054	ng	0.00
42) 2,4,6-Tribromophenol	16.411	330	46611	43.282	ng	0.00
45) 2-Fluorobiphenyl	13.550	172	258518	41.234	ng	0.00
79) Terphenyl-d14	20.260	244	446157	43.955	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.650	88	18927	19.779	ng	90
3) Pyridine	4.067	79	51158m	18.694	ng	
4) n-Nitrosodimethylamine	3.991	42	25308	18.485	ng	87
6) Aniline	7.622	93	73349	19.527	ng	98
8) 2-Chlorophenol	7.851	128	44387	19.965	ng	92
9) Benzaldehyde	7.445	77	34406	21.773	ng	94
10) Phenol	7.440	94	57593	20.197	ng	99
11) bis(2-Chloroethyl)ether	7.716	93	46378	20.494	ng	97
12) 1,3-Dichlorobenzene	8.180	146	44325m	19.578	ng	
13) 1,4-Dichlorobenzene	8.338	146	46539	20.529	ng	95
14) 1,2-Dichlorobenzene	8.656	146	45201	20.504	ng	98
15) Benzyl Alcohol	8.538	79	43961	21.069	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.809	45	93343m	20.478	ng	
17) 2-Methylphenol	8.720	107	44804	20.246	ng	91
18) Hexachloroethane	9.384	117	16490	20.710	ng	# 85
19) n-Nitroso-di-n-propyla...	9.102	70	38634	20.686	ng	95
20) 3+4-Methylphenols	9.049	107	60939	20.347	ng	95
22) Acetophenone	9.143	105	79161	21.294	ng	98
24) Nitrobenzene	9.543	77	53747	20.714	ng	93
25) Isophorone	10.042	82	114905	20.996	ng	100
26) 2-Nitrophenol	10.248	139	24048	20.099	ng	98
27) 2,4-Dimethylphenol	10.266	122	45732	20.141	ng	98
28) bis(2-Chloroethoxy)met...	10.530	93	65218	21.002	ng	96
29) 2,4-Dichlorophenol	10.765	162	43644	20.683	ng	99
30) 1,2,4-Trichlorobenzene	10.988	180	41874	20.529	ng	95
31) Naphthalene	11.194	128	152689	20.690	ng	97
32) Benzoic acid	10.348	122	32544m	21.219	ng	
33) 4-Chloroaniline	11.311	127	69599	21.032	ng	96
34) Hexachlorobutadiene	11.423	225	24329	19.707	ng	96
35) Caprolactam	12.081	113	18179	21.916	ng	# 89
36) 4-Chloro-3-methylphenol	12.375	107	49717	20.234	ng	98
37) 2-Methylnaphthalene	12.774	142	108383	20.687	ng	98
38) 1-Methylnaphthalene	12.992	142	102611m	20.793	ng	
40) 1,2,4,5-Tetrachloroben...	13.115	216	46275	19.700	ng	98
41) Hexachlorocyclopentadiene	13.074	237	24514	19.117	ng	94
43) 2,4,6-Trichlorophenol	13.356	196	35718	20.791	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.427	196	41850	20.523	ng	93
46) 1,1'-Biphenyl	13.767	154	135920	20.542	ng	98
47) 2-Chloronaphthalene	13.820	162	104769	20.370	ng	97
48) 2-Nitroaniline	14.032	65	40569	21.721	ng	92
49) Acenaphthylene	14.660	152	177029	20.811	ng	100
50) Dimethylphthalate	14.373	163	150453	20.845	ng	99
51) 2,6-Dinitrotoluene	14.514	165	29960	20.595	ng	98
52) Acenaphthene	14.995	154	100887	20.845	ng	97
53) 3-Nitroaniline	14.849	138	34690	20.261	ng #	86
54) 2,4-Dinitrophenol	15.042	184	15101	18.730	ng	90
55) Dibenzofuran	15.324	168	175167	20.866	ng	97
56) 4-Nitrophenol	15.113	139	27383	20.601	ng	96
57) 2,4-Dinitrotoluene	15.289	165	40476	20.632	ng	98
58) Fluorene	15.971	166	143052	20.722	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.530	232	34616	20.500	ng	99
60) Diethylphthalate	15.712	149	154063	21.464	ng	97
61) 4-Chlorophenyl-phenyle...	15.953	204	66971	21.448	ng	97
62) 4-Nitroaniline	16.012	138	36121	20.953	ng	95
63) Azobenzene	16.247	77	151558	21.454	ng	97
65) 4,6-Dinitro-2-methylph...	16.035	198	22353	18.751	ng	98
66) n-Nitrosodiphenylamine	16.176	169	127747	20.893	ng	98
67) 4-Bromophenyl-phenylether	16.858	248	41214	20.635	ng	96
68) Hexachlorobenzene	16.940	284	43575	21.086	ng	97
69) Atrazine	17.105	200	42017	21.337	ng	99
70) Pentachlorophenol	17.299	266	33884	21.192	ng	100
71) Phenanthrene	17.722	178	230119	21.061	ng	99
72) Anthracene	17.810	178	235314	20.955	ng	99
73) Carbazole	18.086	167	226632	21.284	ng	97
74) Di-n-butylphthalate	18.597	149	270688	20.742	ng	100
75) Fluoranthene	19.713	202	274705	21.372	ng	99
77) Benzidine	19.901	184	74735	18.485	ng #	95
78) Pyrene	20.078	202	279883	20.771	ng	98
80) Butylbenzylphthalate	20.941	149	113008	20.239	ng	93
81) Benzo(a)anthracene	21.975	228	267111	20.630	ng	97
82) 3,3'-Dichlorobenzidine	21.887	252	96644	20.714	ng	98
83) Chrysene	22.052	228	257949	20.785	ng	97
84) Bis(2-ethylhexyl)phtha...	21.817	149	176086	20.738	ng #	99
85) Di-n-octyl phthalate	23.139	149	289276	20.085	ng	99
87) Indeno(1,2,3-cd)pyrene	29.649	276	283197m	20.193	ng	
88) Benzo(b)fluoranthene	24.396	252	262355	20.865	ng	100
89) Benzo(k)fluoranthene	24.478	252	268361	20.771	ng	97
90) Benzo(a)pyrene	25.377	252	253924	20.570	ng	96
91) Dibenzo(a,h)anthracene	29.737	278	237044	20.874	ng	99
92) Benzo(g,h,i)perylene	30.959	276	233530	20.109	ng	98

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

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