

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012723\
 Data File : BG056456.D
 Acq On : 27 Jan 2023 12:58
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/30/2023
 Supervised By : Jagrut Upadhyay 01/30/2023

Quant Time: Jan 27 23:46:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 27 23:42:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.282	152	31143	20.000	ng	# 0.00
21) Naphthalene-d8	11.114	136	131959	20.000	ng	0.00
39) Acenaphthene-d10	14.898	164	111031	20.000	ng	0.00
64) Phenanthrene-d10	17.642	188	285813	20.000	ng	0.00
76) Chrysene-d12	21.931	240	271925	20.000	ng	0.00
86) Perylene-d12	25.356	264	303184	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	70544	41.669	ng	0.00
7) Phenol-d6	7.424	99	105403	42.020	ng	0.00
23) Nitrobenzene-d5	9.457	82	92155	39.656	ng	0.00
42) 2,4,6-Tribromophenol	16.384	330	58839	39.861	ng	0.00
45) 2-Fluorobiphenyl	13.523	172	320291	39.994	ng	0.00
79) Terphenyl-d14	20.215	244	634101	40.957	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.605	88	15045	21.342	ng	95
3) Pyridine	4.023	79	42325	20.261	ng	97
4) n-Nitrosodimethylamine	3.934	42	9652	21.599	ng	91
6) Aniline	7.595	93	69256	21.088	ng	97
8) 2-Chlorophenol	7.842	128	39467	21.221	ng	97
9) Benzaldehyde	7.407	77	27832	22.619	ng	96
10) Phenol	7.454	94	54046	21.199	ng	94
11) bis(2-Chloroethyl)ether	7.683	93	36175	20.643	ng	96
12) 1,3-Dichlorobenzene	8.171	146	44537	20.799	ng	95
13) 1,4-Dichlorobenzene	8.317	146	45617	21.036	ng	97
14) 1,2-Dichlorobenzene	8.641	146	43820	20.827	ng	96
15) Benzyl Alcohol	8.517	79	36257	21.067	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.799	45	8154	21.961	ng	91
17) 2-Methylphenol	8.717	107	40925	21.100	ng	97
18) Hexachloroethane	9.375	117	13602	20.738	ng	85
19) n-Nitroso-di-n-propyla...	9.081	70	31683	21.918	ng	96
20) 3+4-Methylphenols	9.046	107	57523	21.163	ng	96
22) Acetophenone	9.105	105	70785	20.189	ng	96
24) Nitrobenzene	9.498	77	45680	20.379	ng	98
25) Isophorone	10.015	82	97217	20.278	ng	98
26) 2-Nitrophenol	10.221	139	26658	19.601	ng	98
27) 2,4-Dimethylphenol	10.262	122	45836	20.273	ng	99
28) bis(2-Chloroethoxy)met...	10.491	93	52393	19.783	ng	# 96
29) 2,4-Dichlorophenol	10.756	162	50841	19.844	ng	100
30) 1,2,4-Trichlorobenzene	10.973	180	55358	19.444	ng	94
31) Naphthalene	11.167	128	139183	19.984	ng	99
32) Benzoic acid	10.380	122	23972m	18.648	ng	
33) 4-Chloroaniline	11.267	127	66360	20.411	ng	98
34) Hexachlorobutadiene	11.437	225	38611	19.321	ng	94
35) Caprolactam	12.025	113	17598	20.367	ng	97
36) 4-Chloro-3-methylphenol	12.372	107	49502	20.008	ng	98
37) 2-Methylnaphthalene	12.748	142	114381	19.920	ng	99
38) 1-Methylnaphthalene	12.965	142	107951m	20.130	ng	
40) 1,2,4,5-Tetrachloroben...	13.112	216	80688	19.892	ng	98
41) Hexachlorocyclopentadiene	13.082	237	29532	16.380	ng	98
43) 2,4,6-Trichlorophenol	13.347	196	50892	19.469	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.423	196	61284	20.145	ng	99
46) 1,1'-Biphenyl	13.735	154	157838	19.599	ng	98
47) 2-Chloronaphthalene	13.788	162	124700	19.810	ng	98
48) 2-Nitroaniline	13.981	65	26902	20.674	ng	96
49) Acenaphthylene	14.628	152	204241	19.943	ng	99
50) Dimethylphthalate	14.340	163	178936	19.920	ng	99
51) 2,6-Dinitrotoluene	14.469	165	39239	20.031	ng	94
52) Acenaphthene	14.963	154	120600	19.858	ng	98
53) 3-Nitroaniline	14.798	138	38562	20.305	ng	97
54) 2,4-Dinitrophenol	15.010	184	22794	18.561	ng	96
55) Dibenzofuran	15.292	168	220752	20.268	ng	99
56) 4-Nitrophenol	15.104	139	25797	19.985	ng	99
57) 2,4-Dinitrotoluene	15.251	165	56683	20.543	ng	98
58) Fluorene	15.938	166	176458	20.360	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.521	232	54023	19.853	ng	100
60) Diethylphthalate	15.685	149	171901	20.380	ng	98
61) 4-Chlorophenyl-phenylether	15.920	204	104208	19.705	ng	98
62) 4-Nitroaniline	15.956	138	38632	20.329	ng	99
63) Azobenzene	16.214	77	117526	20.249	ng	97
65) 4,6-Dinitro-2-methylph...	16.014	198	40597	20.203	ng	98
66) n-Nitrosodiphenylamine	16.138	169	159836	19.752	ng	97
67) 4-Bromophenyl-phenylether	16.813	248	71186	19.456	ng	100
68) Hexachlorobenzene	16.949	284	70599	19.700	ng	96
69) Atrazine	17.072	200	64673	20.716	ng	97
70) Pentachlorophenol	17.289	266	39711m	18.371	ng	
71) Phenanthrene	17.683	178	302572	20.227	ng	98
72) Anthracene	17.771	178	310332	20.210	ng	98
73) Carbazole	18.035	167	268121	20.501	ng	98
74) Di-n-butylphthalate	18.564	149	278584	20.287	ng	100
75) Fluoranthene	19.675	202	384973	20.391	ng	99
77) Benzidine	19.839	184	154891	21.049	ng	98
78) Pyrene	20.033	202	392293	20.284	ng	100
80) Butylbenzylphthalate	20.891	149	119392	20.214	ng	98
81) Benzo(a)anthracene	21.907	228	385492	20.278	ng	99
82) 3,3'-Dichlorobenzidine	21.808	252	138350	20.209	ng	99
83) Chrysene	21.978	228	361883	20.262	ng	98
84) Bis(2-ethylhexyl)phtha...	21.766	149	172277	20.344	ng	99
85) Di-n-octyl phthalate	23.041	149	285267	20.228	ng	99
87) Indeno(1,2,3-cd)pyrene	29.299	276	444105	20.011	ng	99
88) Benzo(b)fluoranthene	24.258	252	377445	20.057	ng	100
89) Benzo(k)fluoranthene	24.328	252	382755	20.151	ng	99
90) Benzo(a)pyrene	25.192	252	370774	20.002	ng	99
91) Dibenzo(a,h)anthracene	29.358	278	368988	19.807	ng	99
92) Benzo(g,h,i)perylene	30.538	276	357522	19.890	ng	98

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

Manual Integrations

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