

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120423\
 Data File : BG059937.D
 Acq On : 4 Dec 2023 18:44
 Operator : MA/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/05/2023
 Supervised By :mohammad ahmed 12/06/2023

Quant Time: Dec 05 01:44:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 05 01:36:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.960	152	51581	20.000	ng	# 0.00
21) Naphthalene-d8	10.762	136	180003	20.000	ng	0.00
39) Acenaphthene-d10	14.599	164	181719	20.000	ng	0.00
64) Phenanthrene-d10	17.349	188	678055	20.000	ng	0.00
76) Chrysene-d12	21.620	240	1008897	20.000	ng	0.00
86) Perylene-d12	24.810	264	1154684	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	52937	22.778	ng	0.00
7) Phenol-d6	7.108	99	69727	19.566	ng	0.00
23) Nitrobenzene-d5	9.117	82	95687	18.407	ng	0.00
42) 2,4,6-Tribromophenol	16.079	330	110882	17.082	ng	0.00
45) 2-Fluorobiphenyl	13.224	172	321058	18.260	ng	0.00
79) Terphenyl-d14	19.969	244	1240629	21.137	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.435	88	8282m	10.647	ng	
3) Pyridine	3.835	79	24734	10.971	ng	# 84
4) n-Nitrosodimethylamine	3.747	42	11854	7.506	ng	# 89
6) Aniline	7.278	93	36452	9.524	ng	# 87
8) 2-Chlorophenol	7.519	128	22516	9.628	ng	83
9) Benzaldehyde	7.096	77	32542	11.990	ng	93
10) Phenol	7.131	94	36853	10.340	ng	93
11) bis(2-Chloroethyl)ether	7.378	93	26964	12.067	ng	88
12) 1,3-Dichlorobenzene	7.848	146	34770	9.420	ng	89
13) 1,4-Dichlorobenzene	7.995	146	37493	10.011	ng	97
14) 1,2-Dichlorobenzene	8.312	146	35640	9.362	ng	92
15) Benzyl Alcohol	8.189	79	36243	8.809	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.477	45	14124m	16.817	ng	
17) 2-Methylphenol	8.388	107	25163	9.862	ng	88
18) Hexachloroethane	9.041	117	15277	9.543	ng	# 75
19) n-Nitroso-di-n-propyla...	8.759	70	30499	10.572	ng	# 91
20) 3+4-Methylphenols	8.717	107	34820	9.477	ng	99
22) Acetophenone	8.776	105	55329	9.565	ng	# 97
24) Nitrobenzene	9.158	77	49944	9.881	ng	99
25) Isophorone	9.681	82	84097	10.611	ng	# 89
26) 2-Nitrophenol	9.869	139	13904	8.646	ng	# 79
27) 2,4-Dimethylphenol	9.934	122	22544	11.589	ng	# 65
28) bis(2-Chloroethoxy)met...	10.169	93	37836	11.458	ng	97
29) 2,4-Dichlorophenol	10.404	162	39704	8.534	ng	# 66
30) 1,2,4-Trichlorobenzene	10.627	180	65708	9.317	ng	86
31) Naphthalene	10.815	128	92881	10.247	ng	# 92
32) Benzoic acid	9.987	122	19358m	10.464	ng	
33) 4-Chloroaniline	10.915	127	33956	9.988	ng	# 91
34) Hexachlorobutadiene	11.103	225	71083	8.538	ng	96
35) Caprolactam	11.655	113	9991	11.981	ng	# 83
36) 4-Chloro-3-methylphenol	12.031	107	34779	8.565	ng	96
37) 2-Methylnaphthalene	12.425	142	79380	9.176	ng	92
38) 1-Methylnaphthalene	12.642	142	78820	9.464	ng	98
40) 1,2,4,5-Tetrachloroben...	12.789	216	125077	9.687	ng	100
41) Hexachlorocyclopentadiene	12.772	237	57316	9.009	ng	89
43) 2,4,6-Trichlorophenol	13.024	196	66251	9.905	ng	93

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44) 2,4,5-Trichlorophenol	13.089	196	67263	8.986	ng	# 86
46) 1,1'-Biphenyl	13.430	154	131137	10.081	ng	93
47) 2-Chloronaphthalene	13.477	162	113899	9.798	ng	# 90
48) 2-Nitroaniline	13.670	65	20713	8.960	ng	# 82
49) Acenaphthylene	14.317	152	148218	9.843	ng	97
50) Dimethylphthalate	14.047	163	144832	9.244	ng	# 96
51) 2,6-Dinitrotoluene	14.164	165	30663	9.161	ng	94
52) Acenaphthene	14.663	154	116308	10.304	ng	92
53) 3-Nitroaniline	14.493	138	19769	9.870	ng	# 78
54) 2,4-Dinitrophenol	14.693	184	27137	9.654	ng	# 85
55) Dibenzofuran	14.998	168	190120	9.572	ng	98
56) 4-Nitrophenol	14.787	139	17578	11.200	ng	# 91
57) 2,4-Dinitrotoluene	14.945	165	45465	9.153	ng	# 87
58) Fluorene	15.645	166	158209	9.049	ng	# 93
59) 2,3,4,6-Tetrachlorophenol	15.216	232	86471	9.640	ng	# 98
60) Diethylphthalate	15.416	149	137586	10.282	ng	93
61) 4-Chlorophenyl-phenyle...	15.645	204	136762	8.826	ng	93
62) 4-Nitroaniline	15.651	138	24256	10.575	ng	# 68
63) Azobenzene	15.933	77	144542	10.565	ng	94
65) 4,6-Dinitro-2-methylph...	15.709	198	45679	8.821	ng	97
66) n-Nitrosodiphenylamine	15.850	169	145348	9.871	ng	96
67) 4-Bromophenyl-phenylether	16.532	248	112507	8.695	ng	94
68) Hexachlorobenzene	16.649	284	120130	8.359	ng	98
69) Atrazine	16.796	200	87991	11.138	ng	88
70) Pentachlorophenol	16.984	266	94773	9.747	ng	# 80
71) Phenanthrene	17.390	178	308203	9.696	ng	97
72) Anthracene	17.478	178	314883	9.727	ng	97
73) Carbazole	17.748	167	244873	10.281	ng	# 98
74) Di-n-butylphthalate	18.318	149	208680	10.507	ng	# 95
75) Fluoranthene	19.405	202	551386	10.210	ng	94
77) Benzidine	19.581	184	49619	4.797	ng	# 88
78) Pyrene	19.763	202	556155	10.198	ng	96
80) Butylbenzylphthalate	20.662	149	74918	10.200	ng	# 89
81) Benzo(a)anthracene	21.602	228	693706	10.373	ng	92
82) 3,3'-Dichlorobenzidine	21.520	252	215373	9.858	ng	91
83) Chrysene	21.667	228	648673	10.245	ng	97
84) Bis(2-ethylhexyl)phtha...	21.526	149	109424	10.213	ng	# 92
85) Di-n-octyl phthalate	22.736	149	185348	9.708	ng	98
87) Indeno(1,2,3-cd)pyrene	28.447	276	906961	10.617	ng	# 96
88) Benzo(b)fluoranthene	23.800	252	706253m	9.570	ng	
89) Benzo(k)fluoranthene	23.864	252	690613	9.698	ng	100
90) Benzo(a)pyrene	24.663	252	630044	9.975	ng	# 97
91) Dibenzo(a,h)anthracene	28.524	278	793151	10.876	ng	# 97
92) Benzo(g,h,i)perylene	29.581	276	770534	11.191	ng	# 88

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

