

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120123\
 Data File : BG059929.D
 Acq On : 1 Dec 2023 22:33
 Operator : MA/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 02 02:26:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 02 02:20:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	34553	20.000	ng	0.00
21) Naphthalene-d8	10.772	136	141559	20.000	ng	# 0.00
39) Acenaphthene-d10	14.602	164	165299	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	549790	20.000	ng	0.00
76) Chrysene-d12	21.622	240	848972	20.000	ng	0.00
86) Perylene-d12	24.812	264	987201	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	155169	72.698	ng	0.00
7) Phenol-d6	7.118	99	238343	77.312	ng	0.00
23) Nitrobenzene-d5	9.127	82	395009	148.643	ng	0.00
42) 2,4,6-Tribromophenol	16.088	330	590250	192.291	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	1518369	120.643	ng	0.00
79) Terphenyl-d14	19.971	244	4509107	88.184	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.441	88	24307m	36.700	ng	
3) Pyridine	3.834	79	76469m	43.433	ng	
4) n-Nitrosodimethylamine	3.746	42	55237	52.141	ng	95
6) Aniline	7.289	93	117932	35.967	ng	# 91
8) 2-Chlorophenol	7.524	128	79172	33.545	ng	95
9) Benzaldehyde	7.101	77	85448	41.704	ng	91
10) Phenol	7.148	94	116910	36.832	ng	96
11) bis(2-Chloroethyl)ether	7.388	93	75410	31.214	ng	97
12) 1,3-Dichlorobenzene	7.853	146	126037m	46.323	ng	
13) 1,4-Dichlorobenzene	7.999	146	129737	46.141	ng	90
14) 1,2-Dichlorobenzene	8.322	146	130367	47.680	ng	93
15) Benzyl Alcohol	8.199	79	144545	57.555	ng	# 92
16) 2,2'-oxybis(1-Chloropr...	8.493	45	22715	5.363	ng	86
17) 2-Methylphenol	8.399	107	87640	39.810	ng	95
18) Hexachloroethane	9.051	117	54813	52.986	ng	76
19) n-Nitroso-di-n-propyla...	8.775	70	97574	44.414	ng	# 86
20) 3+4-Methylphenols	8.728	107	120234	38.384	ng	90
22) Acetophenone	8.787	105	222058	55.624	ng	# 92
24) Nitrobenzene	9.168	77	197382	70.103	ng	95
25) Isophorone	9.691	82	287436	48.897	ng	96
26) 2-Nitrophenol	9.873	139	60339	65.685	ng	91
27) 2,4-Dimethylphenol	9.938	122	65218	39.341	ng	86
28) bis(2-Chloroethoxy)met...	10.173	93	118966	37.447	ng	98
29) 2,4-Dichlorophenol	10.408	162	172872	69.546	ng	90
30) 1,2,4-Trichlorobenzene	10.631	180	267384	85.926	ng	96
31) Naphthalene	10.819	128	324630	41.595	ng	# 96
32) Benzoic acid	10.079	122	74259m	50.702	ng	
33) 4-Chloroaniline	10.925	127	117220	37.641	ng	96
34) Hexachlorobutadiene	11.107	225	327227	128.689	ng	96
35) Caprolactam	11.706	113	29907	37.708	ng	98
36) 4-Chloro-3-methylphenol	12.041	107	158741	56.211	ng	98
37) 2-Methylnaphthalene	12.429	142	328388	56.763	ng	98
38) 1-Methylnaphthalene	12.646	142	315674	53.841	ng	# 99
40) 1,2,4,5-Tetrachloroben...	12.793	216	558655	90.824	ng	100
41) Hexachlorocyclopentadiene	12.775	237	270763	107.104	ng	87
43) 2,4,6-Trichlorophenol	13.028	196	289209	76.602	ng	98

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44) 2,4,5-Trichlorophenol	13.098	196	322921	75.801	ng	96
46) 1,1'-Biphenyl	13.439	154	549500	44.507	ng	97
47) 2-Chloronaphthalene	13.480	162	500841	48.289	ng	93
48) 2-Nitroaniline	13.674	65	94627	36.574	ng	95
49) Acenaphthylene	14.326	152	638154	41.275	ng	96
50) Dimethylphthalate	14.062	163	656707	48.676	ng	98
51) 2,6-Dinitrotoluene	14.173	165	138103	58.204	ng	96
52) Acenaphthene	14.667	154	485376m	49.063	ng	
53) 3-Nitroaniline	14.502	138	82061	37.155	ng	89
54) 2,4-Dinitrophenol	14.702	184	126378	104.354	ng	92
55) Dibenzofuran	15.002	168	829269	52.665	ng	97
56) 4-Nitrophenol	14.796	139	67040	37.494	ng	91
57) 2,4-Dinitrotoluene	14.961	165	211751	65.998	ng	# 95
58) Fluorene	15.648	166	745102	57.649	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.219	232	392776	94.481	ng	99
60) Diethylphthalate	15.425	149	554212	41.835	ng	97
61) 4-Chlorophenyl-phenyle...	15.642	204	665584	85.731	ng	98
62) 4-Nitroaniline	15.671	138	96264	40.194	ng	# 88
63) Azobenzene	15.936	77	563373	44.774	ng	98
65) 4,6-Dinitro-2-methylph...	15.718	198	209645	86.703	ng	97
66) n-Nitrosodiphenylamine	15.859	169	586577	40.645	ng	98
67) 4-Bromophenyl-phenylether	16.541	248	528907	73.450	ng	99
68) Hexachlorobenzene	16.652	284	596768	70.439	ng	96
69) Atrazine	16.805	200	308310	55.293	ng	94
70) Pentachlorophenol	16.993	266	418700	83.607	ng	96
71) Phenanthrene	17.393	178	1246950	45.163	ng	99
72) Anthracene	17.487	178	1257701	45.167	ng	99
73) Carbazole	17.751	167	950838	37.772	ng	100
74) Di-n-butylphthalate	18.321	149	772116	26.301	ng	98
75) Fluoranthene	19.407	202	2171459	58.534	ng	98
77) Benzidine	19.584	184	443816	30.111	ng	97
78) Pyrene	19.766	202	2185452	37.406	ng	98
80) Butylbenzylphthalate	20.665	149	277508	14.539	ng	97
81) Benzo(a)anthracene	21.604	228	2686128	45.686	ng	99
82) 3,3'-Dichlorobenzidine	21.522	252	849186	44.692	ng	# 99
83) Chrysene	21.669	228	2521920	45.279	ng	100
84) Bis(2-ethylhexyl)phtha...	21.528	149	414317	14.636	ng	97
85) Di-n-octyl phthalate	22.738	149	719419	14.809	ng	99
87) Indeno(1,2,3-cd)pyrene	28.472	276	3433355	46.581	ng	# 93
88) Benzo(b)fluoranthene	23.807	252	2993358	48.170	ng	98
89) Benzo(k)fluoranthene	23.872	252	2934586	48.550	ng	98
90) Benzo(a)pyrene	24.671	252	2545049	46.520	ng	98
91) Dibenzo(a,h)anthracene	28.542	278	2972720	48.060	ng	99
92) Benzo(g,h,i)perylene	29.617	276	2764111	45.357	ng	# 99

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

