

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
 Data File : BG059714.D
 Acq On : 16 Nov 2023 12:07
 Operator : MA/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Nov 16 16:48:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 16:29:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							11/17/2023
1) 1,4-Dichlorobenzene-d4	8.347	152	24320	20.000	ng	0.00	Supervised By :mohammad Ahmed
21) Naphthalene-d8	11.191	136	113372	20.000	ng	# 0.00	
39) Acenaphthene-d10	14.968	164	84887	20.000	ng	0.00	
64) Phenanthrene-d10	17.718	188	198885	20.000	ng	# 0.00	
76) Chrysene-d12	22.048	240	186315	20.000	ng	# 0.00	
86) Perylene-d12	25.627	264	321918	20.000	ng	0.00	11/19/2023
System Monitoring Compounds							
5) 2-Fluorophenol	5.826	112	26056	18.033	ng	0.00	
7) Phenol-d6	7.448	99	36283	16.945	ng	0.00	
23) Nitrobenzene-d5	9.534	82	49657	16.728	ng	0.00	
42) 2,4,6-Tribromophenol	16.449	330	17991	18.679	ng	0.00	
45) 2-Fluorobiphenyl	13.594	172	106348	16.864	ng	0.00	
79) Terphenyl-d14	20.292	244	223741	17.728	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	3.676	88	8518m	12.566	ng		
3) Pyridine	4.087	79	23685	12.556	ng	# 83	
4) n-Nitrosodimethylamine	4.017	42	11905	12.073	ng	# 63	
6) Aniline	7.659	93	24111	8.532	ng	91	
8) 2-Chlorophenol	7.883	128	12036	7.678	ng	96	
9) Benzaldehyde	7.477	77	13116	9.062	ng	91	
10) Phenol	7.477	94	20109	9.112	ng	95	
11) bis(2-Chloroethyl)ether	7.759	93	12530	9.121	ng	85	
12) 1,3-Dichlorobenzene	8.223	146	15373	8.842	ng	93	
13) 1,4-Dichlorobenzene	8.382	146	14954m	8.542	ng		
14) 1,2-Dichlorobenzene	8.699	146	14405m	8.292	ng		
15) Benzyl Alcohol	8.582	79	21111	8.646	ng	84	
16) 2,2'-oxybis(1-Chloropr...	8.852	45	4454m	8.952	ng		
17) 2-Methylphenol	8.764	107	13637	8.390	ng	# 80	
18) Hexachloroethane	9.428	117	6336	8.538	ng	# 78	
19) n-Nitroso-di-n-propyla...	9.146	70	15469	9.174	ng	# 80	
20) 3+4-Methylphenols	9.093	107	20452	9.063	ng	# 77	
22) Acetophenone	9.181	105	25991	8.098	ng	# 89	
24) Nitrobenzene	9.581	77	24284	8.882	ng	99	
25) Isophorone	10.092	82	43606	8.750	ng	# 88	
26) 2-Nitrophenol	10.286	139	7699	7.681	ng	# 70	
27) 2,4-Dimethylphenol	10.309	122	16279	7.988	ng	90	
28) bis(2-Chloroethoxy)met...	10.574	93	15326	8.184	ng	100	
29) 2,4-Dichlorophenol	10.814	162	14877	8.550	ng	89	
30) 1,2,4-Trichlorobenzene	11.038	180	14581	8.292	ng	# 72	
31) Naphthalene	11.238	128	47682	8.364	ng	# 95	
32) Benzoic acid	10.350	122	11068m	7.992	ng		
33) 4-Chloroaniline	11.355	127	22558	9.303	ng	# 87	
34) Hexachlorobutadiene	11.467	225	9886	8.261	ng	# 81	
35) Caprolactam	12.113	113	5954	9.363	ng	# 85	
36) 4-Chloro-3-methylphenol	12.418	107	20539	8.876	ng	# 91	
37) 2-Methylnaphthalene	12.824	142	41010	8.541	ng	93	
38) 1-Methylnaphthalene	13.035	142	40668	9.185	ng	# 86	
40) 1,2,4,5-Tetrachloroben...	13.159	216	20400	8.899	ng	98	
41) Hexachlorocyclopentadiene	13.118	237	12745	8.863	ng	92	
43) 2,4,6-Trichlorophenol	13.400	196	13350m	8.374	ng		

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.470	196	16463	8.789	ng	#	92
46) 1,1'-Biphenyl	13.805	154	61679	9.257	ng		90
47) 2-Chloronaphthalene	13.864	162	41923	9.157	ng	#	88
48) 2-Nitroaniline	14.075	65	12959	7.928	ng	#	89
49) Acenaphthylene	14.698	152	65938	8.447	ng	#	93
50) Dimethylphthalate	14.410	163	59260	9.008	ng		98
51) 2,6-Dinitrotoluene	14.551	165	11152	8.936	ng	#	82
52) Acenaphthene	15.033	154	41504	8.841	ng		98
53) 3-Nitroaniline	14.886	138	12752	8.730	ng	#	70
54) 2,4-Dinitrophenol	15.080	184	8333	8.986	ng	#	72
55) Dibenzofuran	15.368	168	70396	9.095	ng	#	92
56) 4-Nitrophenol	15.156	139	9816	8.783	ng	#	91
57) 2,4-Dinitrotoluene	15.321	165	17436	9.085	ng	#	90
58) Fluorene	16.008	166	59167	9.201	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.568	232	15658m	9.495	ng		
60) Diethylphthalate	15.750	149	67238	9.530	ng		95
61) 4-Chlorophenyl-phenyle...	15.991	204	28820	8.707	ng		93
62) 4-Nitroaniline	16.044	138	12838	8.769	ng		92
63) Azobenzene	16.285	77	71156	9.076	ng		91
65) 4,6-Dinitro-2-methylph...	16.079	198	11426	9.401	ng	#	67
66) n-Nitrosodiphenylamine	16.208	169	53982	9.292	ng		96
67) 4-Bromophenyl-phenylether	16.890	248	18473	8.646	ng		93
68) Hexachlorobenzene	16.984	284	18548	9.301	ng	#	93
69) Atrazine	17.142	200	21469	11.526	ng		99
70) Pentachlorophenol	17.336	266	13488	8.866	ng	#	79
71) Phenanthrene	17.765	178	96254	9.519	ng	#	94
72) Anthracene	17.853	178	100512	9.567	ng	#	96
73) Carbazole	18.124	167	88031	9.591	ng		99
74) Di-n-butylphthalate	18.635	149	106324	9.583	ng		98
75) Fluoranthene	19.751	202	121186	9.994	ng		96
77) Benzidine	19.939	184	48092	11.383	ng		98
78) Pyrene	20.115	202	119585m	9.436	ng		
80) Butylbenzylphthalate	20.973	149	46604	8.966	ng		97
81) Benzo(a)anthracene	22.019	228	121736m	9.549	ng		
82) 3,3'-Dichlorobenzidine	21.937	252	44738	9.420	ng	#	87
83) Chrysene	22.095	228	109451	9.366	ng		98
84) Bis(2-ethylhexyl)phtha...	21.854	149	67825	9.334	ng		98
85) Di-n-octyl phthalate	23.188	149	144235	10.311	ng	#	97
87) Indeno(1,2,3-cd)pyrene	29.763	276	226600	9.302	ng	#	83
88) Benzo(b)fluoranthene	24.457	252	176375	9.996	ng	#	92
89) Benzo(k)fluoranthene	24.540	252	171634	9.841	ng	#	89
90) Benzo(a)pyrene	25.450	252	172669	9.170	ng	#	97
91) Dibenzo(a,h)anthracene	29.863	278	186316	9.047	ng		94
92) Benzo(g,h,i)perylene	31.102	276	186025	9.516	ng	#	94

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

